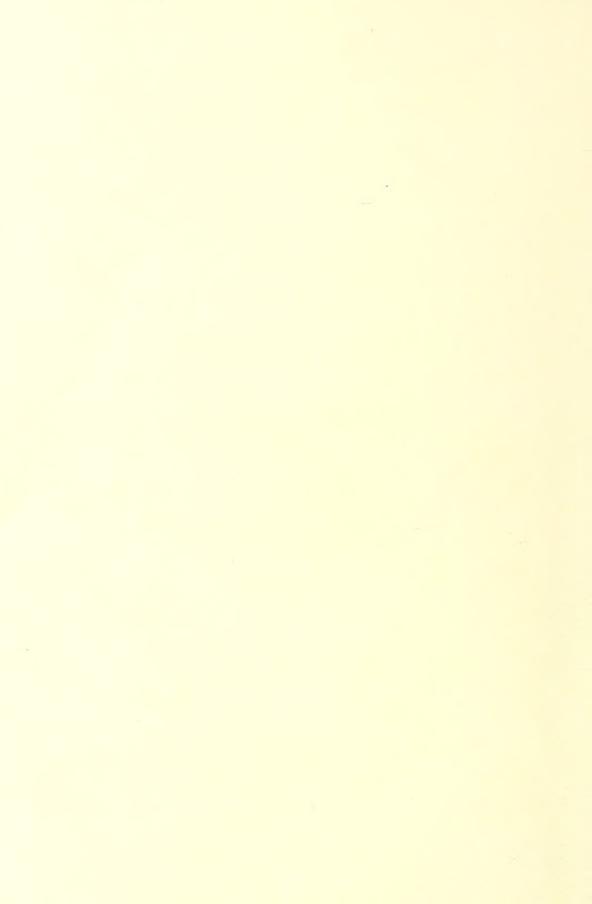
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.





* Common Sense About Seeds **



NY seeds are seeds. True! So any tea is tea; so any flour is flour. But grades differ. It's so with seeds. There are grades. You want the best. If you understood seeds as well as you do tea and flour, it would be easy to determine. But you don't. How should you when all look alike?

When you are going to buy a commodity whose value you don't know, you pick out an old-established house to trade with, and trust their experience and reputation. Do so when buying seeds. You can buy seeds at almost any price you choose to pay. But a few cents' reduction in the price may mean a reduction of many dollars in the value of the crop. Can you afford to take such chances?

For a score of years we have sought the trade of those who appreciate the BEST American-grown seeds, at fair prices; and that we have been successful in furnishing such is evidenced by the fact that our business, is to-day the largest of any house in America direct with critical market gardeners and experienced growers who plant for profit and whose wise motto always is

"NOT HOW CHEAP, BUT HOW GOOD"

Our Illustrations Photographed from Nature

From the beginning of our business career, it has been our constant aim to make each successive issue of our Catalogue more complete and interesting than its predecessor. With this end in view, we were the first Seedsmen, some years ago, to adopt the method of Photographic Reproduction on half-tone plates, which has given our Manual an unique reputation for truthfulness and accuracy, setting forth actual appearance and real merits without the alluring illustrations and exaggeration that so flagrantly appear in nearly all the seed catalogues published. For this reason some things that are much lauded in other catalogues are omitted. Some do not appear as large or extravagant as shown in the overdrawn cuts of other lists. Is it not better to be disappointed in a picture than in a crop?

OUR FREE BOOK PREMIUMS FOR 1898 TWO VALUABLE NEW UP-TO-DATE BOOKS JUST PUBLISHED

FARM GARDENING

QUICK CASH CROPS AND HOW TO GROW THEM 128 pages, profusely illustrated

A strictly up-to-date book of great value to all. Whether a farmer, a market gardener, or one who is cultivating a small plot around his home for the daily supply of fresh vegetables this book will be found a most decided help. It also contains many practical hints and much valuable information on the growing and marketing of vegetable money crops, which will result in larger cash receipts, smaller cash expenditures and better bank balances. It also treats on a most important subject, viz.: "Economic Manuring," in a plain, practical way.



IRRIGATION

BY CHEAP MODERN METHODS Double the Crops. Water will do it. Illustrated

There is something here for every farmer and gardener. thing is a sufficient water supply. Irrigation makes deserts to rejoice and gardens to blossom. Nature often withholds needed moisture at critical times. Millions of dollarsarelostannually through the uncertainties of the weather. After reading this work you will be sur-prised at the cheap-ness and practicability of Irrigation, which reduces soil culture to an exact science and enables the tiller of the soil to work on schedule time.

This Book will be sent free with every order for Vegetable and Flower Seeds amounting to \$3.00 and over.

Both Books, this and Farm Gardening, will be sent free with all orders of \$5.00 and over.

Desiring to give our customers the first and full benefit of the valuable information contained in these books, we will not offer them for sale this season, and they can only be had as premiums on \$3.00 and \$5.00 orders of vegetable and flower seeds as stated above.

Please remember these Premiums apply only to Vegetable and Flower Seeds, and cannot be allowed on Seed Potatoes, Onion Sets, Grass Seeds, Implements, Garden Tools or Live Stock.

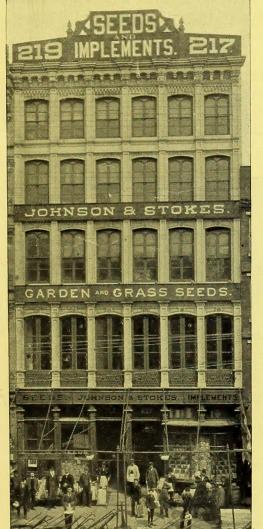
No Gardener or Farmer can afford to be without both these books. They should not be confounded with the cheap pamphlets offered by other seedsmen. Both are modern cloth-bound books, covering, in an interesting and practical way, subjects which have not heretofore been written upon.

We also keep on hand a complete stock of all the Standard Agricultural and Horticultural Books published, a list of which will be found on page 21. We allow customers a discount of 10 per cent. from

publishers' prices there quoted, and send them, post-paid, to any address.

Floracroft Seed Gardens and Trial Grounds

A FEW OF THE SWEET PEA TESTS AT FLORACROFT.



In order to get the best results from our efforts, and make sure that customers shall receive from us the best seeds that the world produces, we have for many years maintained and carried on extensive trials at our Floracroft Seed Gardens and Trial Grounds, located about nine miles from our city warehouses. All operations are under the personal direction and management of one of our firm, who resides there. Here are planted each season, for thorough trial, samples of all "Novelties"



A CORNER OF ASTER TRIALS AT FLORACROFT.

offered by other seedsmen both in this country and Europe, as well as anything which may be sent us, claimed to be new and superior, by our amateur or market garden customers. By this means we are enabled to satisfy ourselves of the true character and value of any novelty before it can find a place in our Catalogue.

Many acres are also devoted to the production of pedigree stock seed, from which the seeds we offer are grown. We plant the best seeds obtainable; then go over the crop, plant by plant, carefully "rogueing" and destroying the inferior and selecting and saving only the best. This stock seed from selected plants is sent to be grown on our farms in localities where the conditions of soil and climate are best adapted to the perfect development of the particular variety. It is the product of such stock seed only that we offer for sale.

Here are also located our **Seed Testing**Houses, where a sample of every lot of seed, whether grown by ourselves or grown for us under contract, is thoroughly tested, in mother earth, for vitality and purity of stock, and only those of satisfactory quality and germinating power are sold. In fact, we leave no stone unturned to gain and hold the confidence of all customers and secure them from disappointment.

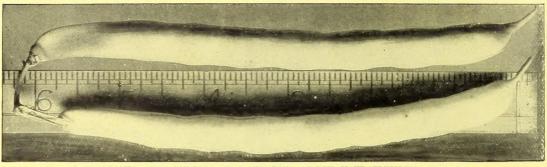
OUR DOUBLE SEED WAREHOUSES

Located on the principal business street of Philadelphia, Nos. 217 and 219 Market St., extending through to Nos. 206 and 208 Church St., are the largest in the East, and afford us every facility for the conduct of a large business, being especially arranged to accommodate the various departments of the Seed business. Visitors are always welcome here, as well as at Floracroft or at our various seed farms in Pennsylvania, New Jersey and other States.

Don't get into the wrong store. Look out for our name and number before entering.

JOHNSON & STOKES, SEEDSMEN, 217 & 219 MARKET ST., PHILADELPHIA, PA.

Novelties in Vegetable Seeds



PHOTOGRAPH OF AVERAGE PODS, SIX INCHES LONG, OF NEW GIANT STRINGLESS VALENTINE.

NEW GIANT GREEN POD STRINGLESS VALENTINE

The Round Pod Valentine Bean has long been one of the most popular with both market and private gardeners; but, outside of improving slightly the existing type, nothing has been achieved to materially better it. We are, therefore, much gratified in being able to offer, for the first time, this distinct, new variety, as one possessing all the merits of the old favorite, and, in addition, has the following points, which will greatly enhance its value:

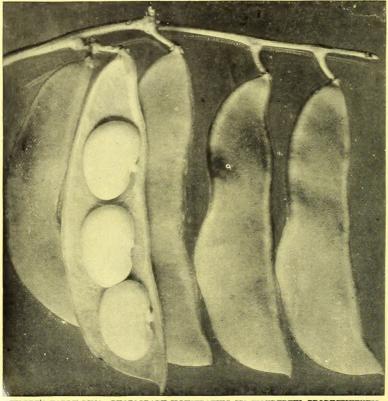
It is ready for market with a full crop of pods two weeks earlier.

The Pods are one-third larger, averaging six inches in length.

They are always absolutely stringless, round, full and fleshy.

It is more prolific and surpasses all others in crispness and flavor.

No gardener can afford to miss planting the New Giant Valentine in 1898. It is the best Dwarf Green Podded Snap Short ever offered. Prices: large pkt., 10c.; pint, 35c.; qt., 65c., by mail, postpaid; qt., 50c.; 4 qts., \$1.50; peck, \$2.75; bush., \$10.00, by freight or express.



SEIBERT'S EARLY LIMA-PHOTOGRAPH ILLUSTRATING ITS WONDERFUL PRODUCTIVENESS.

SEIBERT'S EARLY

The Earliest True Lima Bean

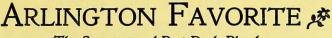
This new and distinct pole Lima Bean was developed by a market gardener who selected the largest green beans from the thinnest and most easily opened pods.

The vine is very vigorous and productive. The pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are the largest of any of the Limas, very handsome and of the best quality. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is far in advance of all other sorts, and must come to be recognized as the best of all for either the garden or market.

No progressive gardener should fail to plant it. Prices very reasonable.

Price, per pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; 4 qts., \$1.00; peck, \$1.85; bush., \$6.75, by freight or ex.





The Sweetest and Best Dark Blood Turnip Beet in Cultivation

A new dark-leaved early blood variety, originated at Arlington, Mass., where it is grown extensively for the Boston market. It follows the Eclipse closely in maturing, but of much darker color and superior in quality. Perfectly round in shape, as shown in our photograph alongside. It differs from all other dark blood sorts in that it has the sweetness of the Bassano, and yet a very dark deep blood color. Its small, upright-growing tops, early maturing, and the splendid shape and color of the roots, make it popular with every one who plants it. Pkt., 5c.; oz., 1oc.; ¼ lb., 25c.; lb., 75c.

A Few Opinions of the New French Market Carrot

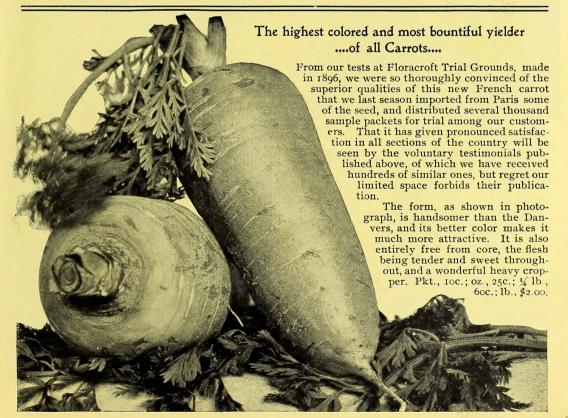
We distributed a number of trial packets among our customers last season, and publish below a few samples of hundreds of reports received.

Orrin McFadden, Cedar Grove, Maine, Oct. 4, 1897, writes:
"New French Carrots are the best shaped, the smoothest, finest colored and best in quality of any I have ever grown. Their yield is immense."

W. F. Anthony, Swansea Centre, Mass., October 4, 1897, writes: "The New French Carrot is the greatest yielder and in quality the very best I ever saw."

Immense." Samuel W. Kulp, Ephrata, Pa., August 9, 1897, writes: "Your New French Carrot is wonderfully productive and excels all others in fine quality for table or feeding stock." W. W. Taylor, Pleasantville, N. J., Sept. 11, 1897, writes: "Your New French Carrot is exceedingly fine; it is of the very best size and color, and produced enormously in my light sandy soil." W. F. Anthony, Swansea Centre, Mass. Outshort 1998.

NEW CARROT ** The French Market





MAMMOTH WHITE CORY

SWEET CORN

A decided improvement over both the popular White and Red Cory, producing large ears from 7 to 8 inches long, as shown in photograph, and a real improvement over all other extra early sorts.

As Early as the Earliest and No Extra Early Sweet Corn Will Compare with it in Size

The ears are twelve-rowed, fully twice the size of the old Cory, white-cobbed and covered with very large white grains of extra quality. No other sweet corn will find ready sale in a market which is supplied with Mammoth White Cory, and the gardener or farmer who wishes to get the cream of the trade should make his plantings of this splendid novelty.

Pkt., 1oc.; pt., 25c.; qt., 45c., post-paid. Qt., 3oc.; 4 qts., 75c.; peck, \$1.25; bush., \$4.50, by freight or express.

NEW CELERY ... WINTER QUEEN

Our attention was first called to this remarkable new celery three years ago in the market, where it was selling at high prices in the month of May, after all other celeries were done. After great persuasion and at high cost, we procured from the grower a small quantity of seed, from which our present supply is grown. It is, without doubt, the most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perle le Grand and Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp, and of delicious nutty flavor.

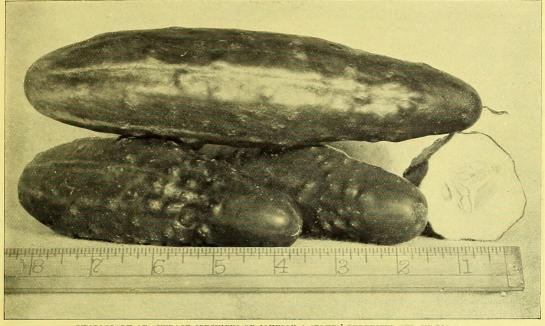
solid, crisp, and of delicious nutty flavor.

It is worthy of the first place as a late celery, and will keep longer than any other known variety. Grow Winter Queen once, and you will grow it always. Pkt., 15c.; oz., 4oc.; ½ lb., \$1.25; lb., \$1.00.



WINTER QUEEN-SHOWING HANDSOME FORM, STOCKY AND ROBUST HABIT.





PHOTOGRAPH OF AVERAGE SPECIMENS OF JOHNSON & STOKES' PERFECTED JERSEY PICKLE.

JOHNSON & STOKES'





erfected Jersey ickle Cucumber

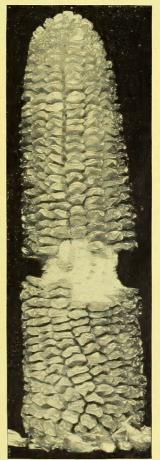
For many years we have supplied pickle seed to many prominent New Jersey growers in the celebrated pickle district on the Delaware River, about twenty-five miles above Philadelphia, where more cucumbers are grown than in any other section of the United States, over one hundred and fifty thousand bushels being picked and annually put up for commercial pickles in this section.

For this reason we have given unusual attention to the selection and improvement of cucumber seed for pickles, and in this new strain, which is the result of nine years' careful breeding, we have a strain which is pronounced by growers of 30 years' experience a perfect pickle in all respects. Its desirable form and uniform size are well shown in the above photograph. The skin is thin, flesh white, crisp and tender, with but few seeds. The vines are strong and vigorous, bearing continuously and long after all other varieties have ceased to produce. Pkt., Ioc.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

New Sweet Corn Early Evergreen.

As is well known, the famous Evergreen Sweet Corn originated over twenty years ago with Mr. Stowell, a grower for Philadelphia markets; but while one of the best late varieties, no effort has ever been made to improve it in earliness until now. In the New Early Evergreen we have a selection possessing every good quality of Stowell's Evergreen and resembling it in every respect except that the stalk is about one foot shorter, more closely jointed, and that it will mature for market in 80 days, or fully 10 days earlier. Could anything better be wished for? And we can, without qualification, recommend it as the very best sugar corn in existence. That is high praise, but we believe it.

Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.25; bush., \$4.00, by freight or express.



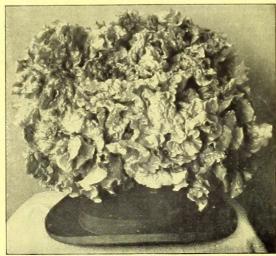
NEW EARLY EVERGREEN.



MAMMOTH SALAMANDER LETTUCE-TWO HEADS COMPLETELY COVERING THE TOP OF AN ORDINARY BARREL.

New Lettuce * Mammoth Salamander

For many years the Salamander Lettuce, owing to its wonderful quality of withstanding heat and drought, has been one of the most popular sorts, especially with market gardeners. In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size, as shown in the photograph above. It is now offered for the first time, and is the result of many years' careful selection and breeding by a prominent Philadelphia market gardener, whose main crop is lettuce, and who always realizes more for his crops of this variety than any other grown in this market. It is also one of the best early and summer lettuces for the home garden, and will delight all who grow it. Pkt., 10c.; oz., 30c.; ½ lb., \$5.c.; lb., \$3.00.



THE MORSE LETTUCE ON A $7\frac{1}{2}$ HAT

THE MORSE LETTUCE

This most excellent new Lettuce might be called an Improved Black Seeded Simpson, except from the fact that the seed is white. It grows to a large size, as shown in photograph alongside. The outer leaves are of a beautiful light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly when grown outside, and is earlier than the curled and most head varieties. Market and private gardeners who grow the curled varieties will find the New Morse superior to them all. Pkt., 10c.; 0z., 20c.; ¼ lb., 60c.; lb., \$2.00.

NOVELTIES FREE FOR TRIAL

Following our usual custom, we have again, this year, put up several thousand sample packets, for advance trials, of a number of distinct novelies not yet catalogued. Among them are a valuable New Beet and a new Extra Early Tomato. (We will pay \$200 for the best names suggested for these.) We shall be glad to include one or more packets of these in orders over \$1.00, where an interest in new varieties is indicated.





Photograph of our Field of Myer's "All Right" Lettuce, showing its uniform handsome growth.

New Lettuce No. 88—Myer's "All Right"

This valuable new Lettuce, originated by the prominent Philadelphia market gardener whose name it bears, is now offered for sale for the first time. We distributed last season a large number of sample packets for trial among our customers, and that it has given pronounced satisfaction in all sections will be seen by the voluntary testimonials published alongside, of which we have received

hundreds of similar ones. It is a most desirable variety for either forcing in frames or open ground planting, always producing beautiful, large, solid heads of the most crisp and tender quality, and at all seasons of the year. Pkt., 15c.; oz., 4oc.; 1/4 1b., \$1.25; 1b., \$4.00.



MCCLEARY'S IMPROVED JENNY LIND MUSEMELON.

A few of the many testimonials received, showing what our customers think of

MYER'S "ALL RIGHT" LETTUCE.

THOMAS HUNYERFORD, Capion, Ill., August 22, 1897, writes: "I tried twenty different kinds of lettuce this season and found your New No. 88 (Myer's 'All Right') far superior to all the others"

ERWIN CHURCH, Mitchell, Mich., July 31, 1897, writes:
"New Lettuce No. 88 (Myer's 'All Right') is of extra
good quality and stands without a rival"
A. T. CAILLOUCE, Lafayette, La., June 21, 1897, writes:
"Your New No. 88 Lettuce (Myer's 'All Right') sur-

"Your New No. 88 Lettuce (Myer's 'All Right') surpasses all I have seen yet."

PORTER CARPENTER, Mill City, Pa., August 12, 1897, writes: "New Lettuce, No. 88 (Myer's 'All Right') is the finest I ever saw, also the best keeper. It kept fine over three weeks in the wet "

H. E. BALDWIN, Hilton, N. J., September 23, 1897, writes: "I sowed the seed of No. 88 (Myer's 'All Right') in a cold frame February 17th, and set the plants in the field April 1st; every plant made a fine salable head. I want more of the seed next spring."

McCLEARY'S IMPROVED JENNY LIND MUSKMELON

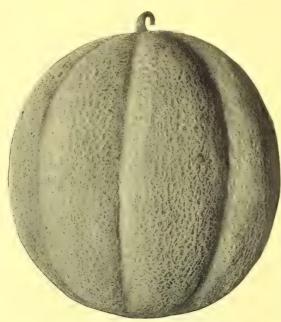
This valuable strain is the result of many years' careful selection and improvement on the old-fashioned Jenny Lind, made by Mr. John McCleary, one of the best-known truckers of Burlington County, N. J. These melons realize handsome prices in Philadelphia markets on account of their great earliness, being larger, roughing up better, and keeping fully a week longer than other strains. Invaluable for first early market. Pkt., 5c.; oz., 1oc.; ¼ lb., 3oc.; lb., \$1.00.





THE ANNE ARUNDEL MUSKMELON

This is an improvement on the well-known Acme or Baltimore Market Muskmelon, growing fully fifty per cent. larger, and, owing to its very thick, solid flesh, will weigh nearly twice as heavy. Our photograph above gives an idea of its shape and perfect netting, and also suggests the luscious quality of the beautiful green flesh within. Notwithstanding its large size, it is ready for picking immediately after the extra early sorts, is a heavy yielder and bears shipment well, its shape enabling it to resist pressure much better than the rounder melons. A specially valuable quality is the hardiness of the vine and its freedom from the blight which attacks many varieties of muskmelon in bad seasons; it will often continue to bear good fruit when other vines have entirely succumbed to unfavorable weather. The Anne Arundel is sure to become a great favorite for both market and family use. Pkt., Ioc.; Oz., 20c.; ½ lb., 50c.; lb. \$1.50



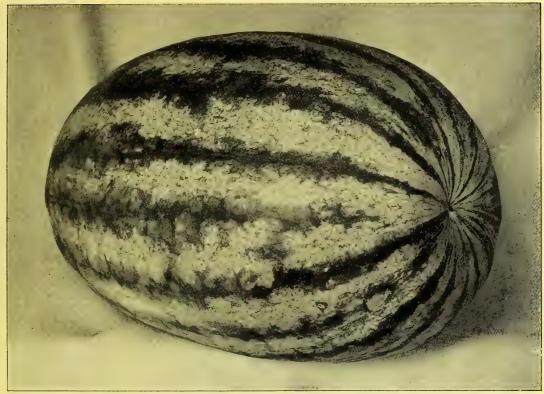
IMPROVED EARLY NETTED GEM MUSKMELON.

Improved Netted Gem Muskmelon

NEW ROSE GEM STRAIN, IMPROVED IN SIZE AND SHAPE FOR SHIPPERS

For years many growers have regarded the Golden Netted Gem muskmelon as one of the very best small, early, green-fleshed sorts; but in this Improved Early Netted Gem we have a variety that will lead the old sort in popularity as soon as its additional merits become known. As will be observed in our photograph alongside, it is a little more oval in shape than the original strain, which gives the melon additional strength to stand shipping. The size has also been improved without losing a day in earliness. As now improved, we regard it as one of the very best and most profitable extra early melons in existence for Market Gardeners and Shippers, and nothing among the greenfleshed varieties surpasses it for quality. The flesh is fine-grained, deliciously sweet and "smooth as butter." Pkt., Ioc.; oz., I5c.; ¼ lb., 35c.; lb., \$1.25.





NEW WATERMELON-BLACK-EYED SUSAN

We have purchased the control of this new watermelon from the originator, Hon. Paynter Frame, of Delaware, who has probably originated more varieties of watermelon, that have become leading standard sorts, than any other grower or hybridizer in America. It has never before been offered for sale, and in describing it we quote from the originator as follows: "Black-eyed Susan is a cross between 'Kolb Gem,' 'Jumbo' and Johnson's 'Dixie;' tough rind, handsome red flesh, like Johnson's 'Dixie,' but even more delicious; not the least stringy, and will reach a very large size." We have thoroughly tested it on our trial grounds and also among a number of our customers in various climates. See testimonials, page 39. We fully endorse all Mr. Frame claims for it. Every one a good one.

Each seed has a large black eye, hence the name given it. Pkt., 10c.; 0z., 20c.; ¼ 1b., 60c.; 1b., \$2.00.



NEW BLUE GEM WATERMELON-ACTUALLY A BLUE KOLB GEM.

Blue Gem Watermelon

A Long-looked-for Variety at last A BLUE KOLB GEM

Large Southern growers say this is the coming shipping melon of the United States. It possesses the shipping and keeping qualities and is as tough as Kolb Gem and infinitely better in quality, reaching better size and with less culls. Mr. T. H. Johnson, of South Carolina, the largest melon shipper of the South, his yearly shipments being 250 cars, or 300,000 melons, regards Blue Gem the greatest shipper, quality far superior to the Kolb Gem and will keep longer than any known melon. What few reached the market last year brought the highest prices, selling far ahead of Kolb Gems. Everybody who can grow a melon should try Blue Gem, and large growers need not hesitate to plant it largely. Pkt., 10c.; oz., 20c., 1/4 lb., 50c.; lb., \$1.50,

Special Prices for Quantities.



NEW WHITE PRIZE-WINNER The Largest and Best White Onion



PRIZE-WINNER ONION. The grandest White Onion grown for the American climate. Its tenderness and mildness of flavor are unequalled.

The new White Prize-Winner was originated from a single white onion found in a large field of Prizetakers in 1891, and not until this season have we had sufficient seed to offer it in quantity at a reasonable price.

In magnificent shape and enormous size, the White Prize-Winner is the exact counterpart of the Mammoth Yellow Prizetaker, which has become so popular in the last few years, differing only in its handsome silvery-white skin. Hundreds of our best market gardeners and onion growers have given it a trial, and, judging by the large number of favorable reports, nothing equal to it in the line of white onions has ever before been grown in America. One enthusiastic customer, who grew it, says: "It completely astonished me; there has never been an onion grown in America that can hold a candle to it.' Another writes: "It is the most valuable addition to the onion family ever made." Another says: "I raised a White Prize-

Winner from the packet of seed you sent me, measuring 17 inches in circumference, and weighing over 4 pounds, which astonished my neighbors, and took first prize at the county fair." Prices, choice American-grown seed: pkt., 10c.; 0z., 25c.; ¼ lb., 70c.; lb., \$2.25, post-paid; lb., \$2.15; 2 lbs., \$4.00; 5 lbs., and over, \$1.85 per lb., by express or freight.

Extra Early Red Globe Danvers Onion

A beautiful new onion, which we think so highly of that we have made it one of the subjects of the colored plate on the back of this book. Its extreme earliness has been a great surprise to us as well as to the few gardeners who have grown it. It is of perfect globe shape, resembling the Southport Large Red Globe in its rich purplish-crimson color, but is ready for market several weeks ahead of that popular variety, and is unquestionably the earliest American red variety ever introduced, and a good keeper. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75, post-paid; lb., \$1.65; 5 lbs. and over, \$1.50 per lb., by express or freight.





Johnson & Stokes' New Record Extra Early Pea See History on page 16, and Colored Plate on Back of this Book.



The "Record" on our Trial Grounds. Tests with Hitherto Earliest Known Peas.

Names of Extra Early Peas planted for comparison	Date planted,	Crop picked,	Date planted,	Crop picked,	Yield per 100
	1896	1896	1897	1897	feet of Drill
JOHNSON & STOKES' NEW RECORD EXTRA EARLY Johnson & Stokes' Extra Early Market Garden First and Best Extra Early Rural New Yorker Alaska or Earliest of All Philadelphia Extra Early	April 13th	June 2d June 6th June 10th June 11th June 9th June 15th	April 9th April 9th April 9th April 9th April 9th April 9th	May 28th June 2d June 5th June 7th June 4th June 10th	108 ounces 100 ounces 94 ounces 95 ounces 92 ounces 89 ounces

Two years' critical tests prove conclusively that Johnson & Stokes' Record Extra Early is not only the very Earliest, but it is also the most productive of all the leading Extra Early Peas now on the market.





THE MONEY-MAKER—The Best First Early Purple Tomato

After two years' tests at Floracroft Trial Grounds, we were so thoroughly convinced of the superior qualities of this new tomato that, in 1896, we distributed several thousand sample packets, labelled New Tomato, No. 105, for trial among our customers. It has given pronounced satisfaction in all sections of the country. The name given it was suggested by an enthusiastic market gardener, who says in his report: "It is the best tomato I have ever seen, and will prove a 'money maker' for every market man who grows it, as he can distance all competition." All market gardeners who have grown it agree in pronouncing it by far the earliest and best Pink or Purple Tomato they have ever seen, surpassing the well-known Acme, Beauty and others of its class in handsome form, quality and productiveness. have only a limited supply of the seed, and will offer it at the following prices so long as our stock lasts: Pkt., 15c.; 2 pkts. for 25c.; oz., 5oc.



What Others Say of Money-Maker

"The most valuable early crop tomato in cultivation."—J. J. Richardson, Essexville, Mich.

"The finest early tomatoes on New York market."-J. H. Haines, Long Island, N. Y

"The earliest and largest I have ever had. It added many dollars to my profits."—R. Harris, Richmond, Va.
"The best I ever raised; ripe 15th of July, and kept bearing continuously until killed by the frost. Not one of them rotted."—Louis Ubele, Salem, Ohio.

"But little later and much larger than the Atlantic Prize; a fine one."—Erwin Church, Mitchell, Mich.
"I have tried many early tomatoes. Money Maker beats them all. Very smooth and beautiful; a strong grower and great yielder. It is the largest of the earliest tomatoes."
—C. H. Schroder, Gilbert, Iowa.

MAMMOTH GOLDEN CASHAW **PUMPKIN**

This splendid variety differs from the common white or cream-colored Cashaw in the outside skin, being of a rich golden orange color, and grows to a much larger size. In its early stages it is dark green, ripening to a warm rich yellow. The flesh is also much thicker, sweeter and finer grained than in any other pumpkin, and of a deep rich yellow color. For making pies it is superior, while for stock feeding and keeping purposes it has no equal. Pkt., Ioc.; oz., 2oc.; 1/2 lb., 5oc.; lb., \$1.75.

Please take this out and use in ordering.

ORDER SHEET

Johnson & Stokes' Tested Seeds, Plants, Bulbs, Etc.

SEEDS BY MAIL.

In ordering Vegetable 8 cents per pound, or at should be added, to cover postage, except where otherwise specified. We this rate for the fraction, Seeds to be sent by mail,

BEANS, PEAS, CORN AND GRASS SEEDS.

When ordered by the quart or pound, to be sent by mail, 15 cents per quart or 8 cents per pound should be added to cover postage, except where otherwise specified.

We guarantee all shipments of Seeds, Bulbs, Plants, Implements, Live Stock, etc., shall reach the purchaser safely and in good condition.

Letters always reach us if addressed simply "JOHNSON & STOKES, PHILADELPHIA, PA." Extra Order Sheets and Return Envelopes sent on application.

Please order Flower Seeds by the numbers.

will, however, send packets and ounces at catalogue rates, free of postage.

Cash Should Accompany the Order How to Send Money

We will be responsible for money sent to us by P. O. Order, Express Money Order, Bank Draft, Express, or by Registered Letter. Every postmaster is required to register any letter on payment of 8 cents extra postage. The cost of remitting may, on all orders over \$1.00, be deducted from amount sent.

Amounts of \$1.00 or less may be sent by ordinary letter.

When notes are not obtainable, or to make proper change, we accept postage stamps the same as cash. Any denomination will be accepted, but we prefer our customers to send two-cent stamps when convenient, as we

Names of persons and places, though familiar to writers, are often puzzling to others, hence write very plainly. Always sign the same name, and give full name, town, county and State use more of these than any others.

FORWARD BY State on this line whether wanted	Amount Enclos
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JOHNSON & STOKES

DOUBLE FRONT SEED STORES

NOS. 217 AND 219 MARKET STREET PHILADELPHIA, PA.

WE HAVE NO BRANCH STORES-LOOK OUT FOR OUR NAME AND NUMBER BEFORE ENTERING

EEDS BY WAIL

In ordering Vegetable seeds to be sent by mail, 10 cents per pound, or at this rate for the fraction, should be added to cover postage, except where otherwise specified. We will, however, send packets and ounces at catalogue rates free of postage.

---BEANS, PEAS, CORN AND GRASS SEEDS---

When ordered by the quart or pound, to be sent by mail, 15 cents per quart or 8 cents per pound should be added to cover postage, except where otherwise specified.

REDUCED EXPRESS RATES By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds are now carried at a reduced rate of 20 per cent. less than merchandise rates, when guaranteed by us. Our customers who order their seeds sent by express will therefore receive them cheaper now than ever before.

ORDER

Cash should always accompany the order. We will be responsible for money sent to us by Post Office Order, Express Money Order, Bank Draft, Express or by Registered Letter.

Post Office Orders cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; \$75 to \$100, 30 cents.

Express Money Orders are issued by express companies at their agencies, and cost, for amounts not over \$5, 5 cents; \$10, 8 cents; \$20, 10 cents; \$30, 12 cents; \$40, 15 cents; \$50, 18 cents.

Bills, Coin or Stamps (we accept postage stamps the same as cash) can be sent safely by registered

er. Every postmaster is required to register any letter on payment of eight cents extra postage.

Cost of remitting may, on all orders over \$1.00, be deducted from the amount sent.

WE GUARANTEE ALL SHIPMENTS of Seeds, Bulbs, Plants, Implements, Live Stock, etc., to

reach the purchaser safely and in good condition.

IES FOR 1899—Trial Packets Now VE WANT NAMES WORTHY OF EACH OF THESE SPLENDID NEW VARIETIES, and will pay \$200 for them.

A NEW BEET FOR INTRODUCTION IN 1899

The result of eight years' hard work and intelligent selection by a successful gardener, who has the result of eight years that d work and intelligent selection by a successful gardener, who has kept it entirely in his own hands until the past season, when we secured his entire stock of seed at a fabulous price. It is the handsomest in form and best in quality of any Deep Blood Turnip Beet ever seen in Philadelphia markets, and a decided improvement over all others. We will put a liberal trial packet in all orders over \$1.00 from this catalogue, which entitles the purchaser to the privilege of competing for \$100 CASH, which we offer as a prize for the best and most appropriate name suggested for it.

A GREAT NOVELTY IN TOMATOES FOR INTRODUCTION IN 1899

A remarkable variety, which has proven the earliest and best of all at Floracroft Trial Grounds, even eclipsing our famous Atlantic Prize in earliness, and is really a wonder in many ways. The seed has never been offered for sale and will not be until 1899. We will, however, include a trial packet of both this and the new beet above, in all orders of \$2.00 and over received this season, which entitles the purchaser to suggest names for both in competition for the \$200 Cash Prizes (\$100 for each variety), as offered above. A competition blank is printed on each packet of seed.

The pames can be sent in any time before Sentember 1 1898 at which time they will be carefully

The names can be sent in any time before September 1, 1898, at which time they will be carefully considered by an impartial disinterested committee of three well-known agriculturists, whose decision shall be final and the prize money forwarded to the successful competitors.

Please remember that these Special Premiums are entirely free and do not in any way interfere

with our book premiums, or the liberal premiums on seeds in packets and ounces as offered above.



Vegetable Seeds * General List

The Best Seeds that Grow, and a List of Varieties it Pays to Grow



the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests at Floracroft Trial Grounds have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any muchlauded variety is not found in our Manual, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers.

Large-Sized Packets Customers frequently write us that our packets contain twice as much seed as those obtained from other houses; yet, notwithstanding our increased liberal premiums on seeds in packets and ounces, as announced on the preceding page, we shall still continue to put up, with our standard gauges, the same liberal-sized packets of seed for which our house has always been noted. We have always found the liberal treatment of our customers to be one of the best paying features of our business.

Asparagus

Asparagus is one of the earliest spring vegetables, and would be in Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the prevalent idea that it is difficult to grow. We think this is a mistake, and that no vegetable on our list can be produced so cheaply and easily. (Directions for planting and culture will be found in our new book, entitled, "FARM GARDENING," which may be selected free as a premium with all orders of \$3.00 and over.) A bed 12 x 40 feet, requiring about 100 roots, will give an abundant supply for an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

DONALD'S ELMIRA ASPARAGUS. This new asparagus, first introduced by us, has attracted much attention throughout the country; it was originated by Mr. A. Donald, a prominent market gardener of Elmira. He has always realized handsome prices, and, although a large grower, was unable to supply half the demand. The delicate green color is notably different from either the famous Barr's Philadelphia Mummoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops a bunch of twelve stalks will average three to four pounds in weight. It requires much less labor in cutting and bunching, thus lessening the expense of marketing. The seed we offer was saved this season by Mr. Donald from his choicest beds, and our roots are grown by us from the same high-class seed. Prices of seed: pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00; STRONG ROOTS, 1 year old, \$1.00 per 100 (by mail. post-paid, \$1.25 per 100; \$5.00 per 1.000; 2 years old, \$1.25 per 100; \$7.00 per 1,000 (500 roots furnished at 1,000 rate). DONALD'S ELMIRA ASPARAGUS. This new asparagus, first

COLUMBIAN MAMMOTH WHITE. This is a most distinct variety, discovered on Long Island a few years since. The stalks are very large, produced abundantly and very early. They are clear white and remain so as long as fit for use, without earthing up or any other artificial blanching. This sort has been grown by a few Long Island growers, who have been realizing an extra price, not only on a fancy market, but from canners, who find that, when put up under a special brand, it sells so readily at a high price as to warrant them paying the grower an extra price for it. With probably the exception of Donald's Elmira, it is the greatest advance in asparagus made for many years. Prices of seed: pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c. GOOD STRONG ROOTS, 1 year old, 75c. per 100 (by mail, postpaid, \$1.00 per 100); \$5.00 per 1,000 (500 roots furnished at 1,000 rate).

BARR'S PHILADELPHIA MAMMOTH. This variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it comes in earlier and grows twice as large. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem, of delicious flavor. It has attracted much attention in Philadelphia, where it is much sought after and sells at topnotch prices. Pkt., 5c, oz., 10c.: ½ lb., 20c.: lb., 60c. GOOD STRONG ROOTS, 1 year old, 65c. per 100 (by mail, 90c. per 100; \$4.50 per 1,000; 2 years old, 80c. per 100; \$5.50 per 1,000 (500 roots at 1,000 rate).

PALMETTO. This new asparagus, originated in South Carolina, is now quite extensively grown for New York and Philadelphia markets, where it sells at very high prices, owing to its mammoth size and regularity. Although of Southern origin, it is equally well adapted to the North. Pkt., 5c.; oz., 10c.; ½, 1b., 20c.; 1b., 60c. Splendid STRONG ROOTS, 2 years old, S1.00 per 100 (by mail, S1.25 per 100); \$5.50 per 1,000 (500 roots at 1,000 rate).

CONOVER'S COLOSSAL. A well-known standard variety. Seed pkt., 5c.; oz., 10c.; ½ 1b., 15c.; lb., 40c. ROOTS, 1 year old, 50c. per 100 (by mail, post-paid, 75c. per 100); \$4.00 per 1000; 2 years old, 60c. per 100; \$4.50 per 100J.



AN AVERAGE BUNCH OF DONALD'S ELMIRA.



Artichoke

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much

the same way as asparagus.

Large Green Globe. Pkt., 10c.; oz., 30c.; lb., \$3.00.

Artichoke Roots for hog feed will be found under "Farm Seeds." Peck, \$1.60; bush., \$3.00; bbl., \$7.50.

Beans-Dwarf Green Podded Sorts

LARGE PACKETS, 5C. EACH.

One quart will plant one hundred feet of drill; two bushels will plant an acre in drills.

Please remember to add for postage 8c. per pint or 15c. per quart, on all beans when ordered to be sent by mail.

Half peck and half bushel at peck and bushel rates. NEW GIANT GREEN POD STRINGLESS VALEN-TINE. The greatest novelty in beans ever offered. See page 2. Pkt., 10c.; pint, 25c.; qt., 50c.



IMPROVED ROUND POD EXTRA EARLY VALENTING

NEW IMPROVED ROUND POD EXTRA EARLY RED VALENTINE. This is ten days earlier than the old Early Red Valentine. The vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. Vines very uniform, making little or no top growth, and producing enormously. Pkt., 10c.; pint, 20c.; qt., 35c., post-paid. By freight or express, qt., 20c.; peck, 80c.; bush., \$3.00.

UNION WHITE VALENTINE. This new variety is much earlier and of a dwarfer habit than the old White Valentine, the pods being rounder, smoother, plumper, more meaty and entirely stringless. The beans, when ripe, are pure white, thus enabling the grower to sell them as shelled beans. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

EMPEROR WILLIAM. A new extra early variety, with large green flat pods of fine quality. It is very productive and valuable for either family use or market. Can also be used as a White Shell Bean when dry. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$0.0. NEW IMPROVED ROUND POD EXTRA EARLY

Other Green Snap Shorts

	-		
NEW STRINGLESS GREEN POD.	Per qt.	Peck.	Bush.
Very fine quality, seed coffee-colored, EARLY RED SPECKLED VAL-	\$0 30	\$1 40	\$5 00
ENTINE. Popular old sort, EARLY MOHAWK. Very hardy, REFUGEE, OR 1000 TO ONE, NEW EXTRA EARLY REFUGEE.	20 20 20	75 75 75	2 75 2 75 2 75
Ten days earlier than Refugee, BEST OF ALL. Long glossy pods, LONG YELLOW SIX WEEKS, EARLY CHINA RED EYE,	25 25 20 25	80 80 75 80	3 00 3 00 2 75 3 00

Beans-Dwarf Wax Sorts

LARGE PACKETS OF ALL BEANS, 5C. EACH.

New Valentine Wax

THE EARLIEST WAX VARIETY, WONDERFULLY PROLIFIC. POSITIVELY FREE FROM RUST. ABSOLUTELY STRINGLESS.

This new variety, first offered three years ago, has rapidly become popular with market gardeners on account of its extreme earliness. It is an improved Round Pod Extra Early Valentine, with handsome round yellow or wax pods. Early Valentine, with handsome round yellow or wax pods. The type is so perfectly fixed that only one plant with green pods, and that probably from a stray bean, was found in the field of the originator, Mr. T. V. Maxon, the noted bean grower of Jefferson County, N. Y. It is the earliest wax bean yet produced; planted June 18th, pods over four inches long were picked July 25th. Pods very meaty, entirely stringless, entirely free from rust, and of the best quality. Market and family gardeners will make no mistake in planting it largely. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.10; bush., \$4.00.

Davis Kidney Wax

AN ENORMOUSLY PRODUCTIVE RUSTLESS WAX PODDED BUSH BEAN, HAVING CLEAR WHITE KIDNEY-SHAPED SEED.

Originated by a well-known market gardener, Eugene Davis, of Michigan. Extensive trials by practical market gardeners have proven this new bean the largest cropper, hardiest, the handsomest pod, the best shipping and market wax bean in cultivation, also the best bean for canners, as the pods do not discolor in canning. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the centre and well up from the ground. The pods are very long, oval, clear waxy-white color, and. The pods are very long, oval, clear waxy-white color, and, when of suitable size to use for snaps, entirely stringless, showing no tendency to string until they approach maturity. The large, white, handsome, kidney-shaped dry beans are very attractive and excellent for baking. Pint, 15c.; qt., 30c.; read; \$1.0; byeb, \$4.00 peck, \$1.10; bush., \$4.00.

Fuller's Ringleader Wax

Our good opinion of this new Black Wax bean has been confirmed by another year's trial among our customers, from whom we have received hundreds of most favorable comments. All agree in pronouncing it one of the earliest, best and most productive of all Wax Beans, being greatly superior to the old German Black and Golden Wax sorts. Pint, 20c.; qt., 35c.; peck, \$1.75; bush., \$5.50.

Improved Refugee Wax

NEW STRINGLESS STRAIN. This new variety is one of the earliest beans grown. It is a perfect Refugee, with wax pods that are long, round and of golden yellow color. It is suitable for early or late sowing, and when sown in the spring it will give seed in time for a second crop in the fall. It is an immense yielder. We offer an improved strain of this variety, which is entirely stringless and much superior to the Refugee Wax as introduce! a few years since. They are not only one of the best for general use, but the best and only perfect Wax Bean for canners' use. Pkt. 5c.; pint, 20c.; qt., 35c.; peck, \$1.40; bush., \$5.00.

KEENEY'S RUSTLESS GOLDEN WAX. A strong growing new bush variety of remarkable vigor and freedom from rust. The pods are meaty and well filled; thick-flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless throughout, even when old enough to shell. They are also free from that parchmentike lining which makes other varieties tough, unless when very young. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.10; bush., \$4.00.

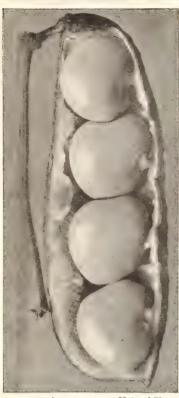
NEW GOLDEN-EYED BUTTER WAX. This fine market variety is earlier than the popular Wardwell's Kidney ward Golden Way sorts. The vine grows vigorously.

NEW GOLDEN-EYED BUTTER WAX. This fine market variety is earlier than the popular Wardwell's Kidney Wax and Golden Wax sorts. The vine grows vigorously about one and a half feet high, holding the great profusion of handsome pods well off the ground. The pods are long, straight and flat, and remarkably free from blight and rust. The fact that when picked along with other wax varieties it keeps bright and crisp long after the others are wilted, makes

keeps bright and crisp long after the others are wilted, makes it one of the best for shipping long distances. It is also one of the very best green shelled beans, and excellent dry, being very much like the White Marrow when baked. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

NEW PROLIFIC GERMAN or CYLINDER BLACK WAX. This is an entirely new and improved strain of the old favorite German or Black Wax Bean originated by a large bean grower of Genesee County, N. Y. Very superior to the old strain, being much earlier and more productive. Pods perfectly round, straighter, longer and of an even, rich golden color. Our stock is grown for us by the originator. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

The Rest Dwarf bima Beans



DREER'S BUSH LIMA Natural Size.

DREER'S OF KUMERLE BUSH LARGE LIMA. This remarkable Bush Bean pos-sesses all the good quali-ties of the Dreer's Improved Polo Lima, which has long been admitted the best in quality of the Pole Limas. The Dreer's Bush Lima is of true bushy hab-Bush Lima is of true bushy habit, growing vigorously from one and a half to two feet high, and showing no disposition whatever to run. It produces pods in great abundance. The beans grow close together, four, and sometimes five in a pod, and are very thick sweet and succulent. very thick, sweet and succulent. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; 4 qts., 75c.; peck, \$1.50; bush., \$5.50, by freight or express

Dwarf Large White or Burpee's Bush Lima

is the true Bush form of the old large Lima Pole Bean. It grows vigorously to a height of eighteen to twenty inches, form-ing a circular bush two to two ing a circular bush two to two and a half feet in diameter, requiring no poles or stakes, yielding from fifty to one hundred and fifty fine pods, similar to those grown on the Large White Lima Pole Bean. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; qt., 30c.; 4 qts., 75c.; peck, \$1.50; bush., \$5.50, by express.

HENDERSON'S DWARF LIMA BEAN. The first of the Bush form of Limas to be introduced some years since, and is

duced some years since, and is enormously productive. The beans are of the size of the Sieva or Southern Lima. Pkt., 5e.; pint, 15c.: qt., 30c.; peck, \$1.25; bush., \$4.50.



BURPEE'S BUSH LIMA. Natural Size.

Standard Dwarf Wax Sorts

IMPROVED RUST-PROOF GOLDEN WAX (Gren-IMPROVED RUST-PROOF GOLDEN WAX (Grennell's Strain). This variety originated with Mr. W. H. Grennell, a large bean grower of New York State; is rapidly superseding the well-known Golden Wax. It is among the earliest, hardiest and most productive. The pods are straight, long and thicker than the Golden Wax, much superior in quality. There are two strains of "Improved Golden Wax" on the market, but Grennell's strain, as offered by us, will be found decidedly the best. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

CURRIE'S RUST-PROOF BLACK WAX. For earliness they are at the head of the Wax Beam family. Habit upright and robust, holding their pods well from the ground; foliage remarkably vigorous and healthy; pods long, flat and straight, beautiful golden color, and for productiveness unequalled. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

WARDWELL'S EARLY DWARF KIDNEY WAX.

WARDWELL'S EARLY DWARF KIDNEY WAX. Vines remarkably vigorous, hardy and productive; the pods are very large, smooth, showy, tender, perfectly stringless, and almost rust-proof. The entire pod assumes a rich golden color at a very early slage of growth. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

GERMAN BLACK WAX. A well-known and popular variety; pods when fit for use are waxy, yellow, tender and productive. Pint, 15c.; qt., 25c.; peck, 80c.; bush., \$3.00.

GOLDEN WAX. This popular variety is earlier than the old German Black Wax; pods long, brittle, entirely stringless. Pint, 15c.; qt., 25c.; peck, 80c.; bush., \$3.00.

YOSEMITE MAMMOTH WAX. The enormous pods YOSEMITE MAMOTH WAX. The enormous pods frequently attain a length of 10 inches, with the thickness of a man's finger. They are nearly all solid pulp, the seeds being very small when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. Pkt., 5c.; pint, 20c.; qt., 40c.; peck, \$2.00. SCARLET FLAGEOLET WAX. Very large, long, the and tender pods selling in market at highest prices.

SCARLET FLAGEOLET WAX. Very large, long, flat and tender pods, selling in market at highest prices. Pkt., 5c; pint, 15c; qt., 30c; peck, \$1.25; bush., \$4.50.

VIOLET, or PERFECTION WAX. Largest and most showy wax pods, stringless, tender and succulent. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

Beans-Varieties for Shelling

JACKSON WONDER DWARF LIMA BEAN. This JACKSON WONDER DWARF LIMA BEAN. This new Bush Lima Bean originated in Georgia. It grows from eighteen to thirty inches high, and might be termed a combination bean, as the pods when quite young may be used as snap beans, and after they become filled, shelled and used as Lima Beans. It is immensely productive, with broad, flat pods, containing three to four variegated flat beans, similar in shape to the well-known Small Lima or Sewee. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

DAYS LEAFLESS MEDIUM. The exigningter Medium of the strength of the streng

DAY'S LEAFLESS MEDIUM. The originator, Mr. Wm. H. Day, is one of the most successful field bean culturists in New York State. The pods are long, well filled, containing from five to seven beans of a pearly white color, producing from 50 to 60 bushels per acre. The vine stands up well, grows abundant foliage, and, just previous to the time of ripening, all the leaves fall off, so that each and every odd is exposed to the setting of the surfer was and virgory pod is exposed to the action of the sun's rays and ripens evenly. Matures in from seventy to eighty days from date of planting. Pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

NEW SNOWFLAKE FIELD. This variety has proven very much earlier and more prolific than either the common standard Pea Bean or Prolific Tree Bean. The plant grows upright, holding its pods well up from the ground. Pint, 15c.; qt., 30c.; reck, \$1.25; bush., \$4.50.

BURLINGAME MEDIUMS. This is the leading field been grown in Central New York. On the "Genesee Flats," fifty bushels to the acre is not an uncommon yield. Much

nty bushels to the acre is not an uncommon yield. Much sought after by dealers everywhere, commanding top-notch prices. Pkt., 5c.; pt., 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50. PROLIFIC TREE. Grows about twenty inches in height, bearing its pods so high that they do not touch the ground. They resemble the common White Navy Bean in appearance. Pint, 15c.; qt., 25c.; peck, 90c.; bush., \$3.25.

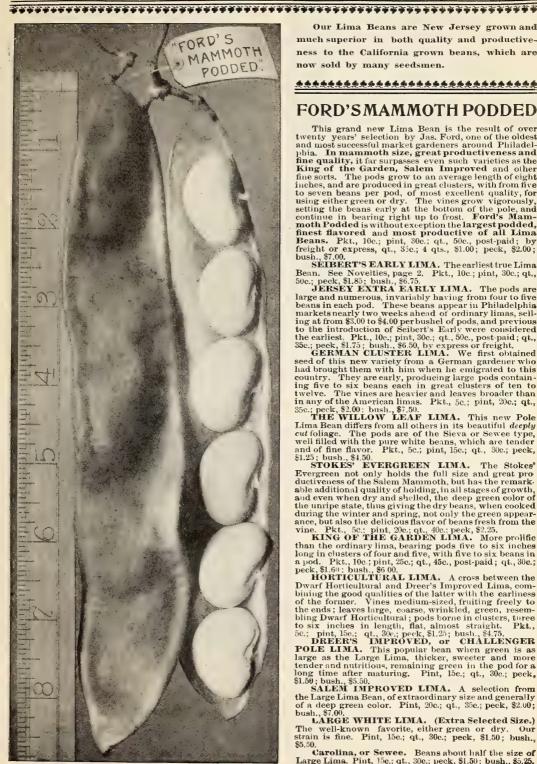
White Navy, or Pea Bean. A well-known productive standard sort. Pint, 10c.; qt., 20c.; peck, 75c.; bush., \$2.50.

Royal Dwarf, or White Kidney. Among the best as winter bean. Pint, 15c.; qt., 25c.; peck, 80c.; bush., \$3.00.

White Marrowfat. Extensively grown as a dry bean for winter use. Pint, 15c.; qt., 25c.; peck, 75c.; bush., \$2.50.



The Cream of the Pole Lima Beans



Our Lima Beans are New Jersey grown and much superior in both quality and productiveness to the California grown beans, which are now sold by many seedsmen.

<u>******************</u>

FORD'S MAMMOTH PODDED

This grand new Lima Bean is the result of over twenty years' selection by Jas. Ford, one of the oldest and most successful market gardeners around Philadelphia. In mammoth size, great productiveness and fine quality, it far surpasses even such varieties as the King of the Garden, Salem Improved and other fine sorts. The pods grow to an average length of eight inches, and are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. Ford's Mammoth Podded is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; by freight or express, qt., 35c.; 4 qts., \$1.00; peck, \$2.00; bush., \$7.00.

SELBERT'S EARLY LIMA. The earliest true Lima

bush., \$7.00. SEIBERT'S EARLY LIMA. The earliest true Lima SEIBERT'S EARLY LIMA. The earliest true Lima Bean. See Novelties, page 2. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.85; bush., \$6.75.

JERSEY EXTRA EARLY LIMA. The pods are invertibly having from four to five large and numerous, invariably having from four to five beans in each pod. These beans appear in Philadelphia markets nearly two weeks ahead of ordinary limas, sellmarkets nearly two weeks ahead of ordinary limas, selling at from \$3.00 to \$4.00 per bushel of pods, and previous to the introduction of Seibert's Early were considered the earliest. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$1.75; bush., \$6.50, by express or freight.

GERMAN CLUSTER LIMA. We first obtained seed of this new variety from a German gardener who had brought them with him when he emigrated to this country. They are early producing large pods contain.

had brought them with him when he emigrated to this country. They are early, producing large pods containing five to six beans each in great clusters of ten to twelve. The vines are heavier and leaves broader than in any of the American limas. Pkt., 5c.; pint., 20c.; qt., 35c.; peck, \$2.00: bush., \$7.50.

THE WILLOW LEAF LIMA. This new Pole Lima Bean differs from all others in its beautiful deeply cut foliage. The pods are of the Sieva or Sewee type, well filled with the pure white beans, which are tender and of fine flavor. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

25; bush., \$4.50. STOKES' EVERGREEN LIMA. The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remark-

Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, thus giving the dry beans, when cooked during the winter and spring, not only the green appearance, but also the delicious flavor of beans fresh from the vine. Pkt., 5c:, pint, 20c; qt., 40c:, peck, §2.25.

KING OF THE GARDEN LIMA. More prolific than the ordinary lima, bearing pods five to six inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c; pint, 25c; qt., 45c., post-paid; qt., 30c.; peck, \$1.60:; bush., \$6.00.

HORTICULTURAL LIMA. A cross between the Dwarf Horticultural and Dreer's Improved Lima, combining the good qualities of the latter with the earliness of the former. Vines medium-sized, fruiting freely to the ends; leaves large, coarse, wrinkled, green, resembling Dwarf Horticultural; pods borne in clusters, three to six inches in length, flat, almost straight. Pkt., 5c.; pint, 15c.; qt., 30c; peck, \$1.25; bush., \$4.75.

DREER'S IMPROVED, or CHALLENGER POLE LIMA. This popular bean when green is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pint, 15c; qt. 30c; peck.

large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.50.

SALEM IMPROVED LIMA. A selection from the Large Lima Bean, of extraordinary size and generally of a deep green color. Pint, 20c.; qt., 35c.; peck, \$2.00; bush., \$7.00.

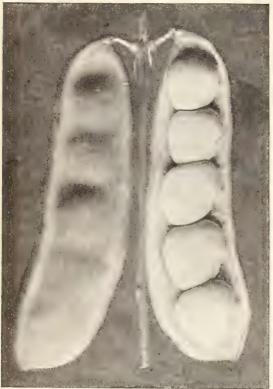
LARGE WHITE LIMA. (Extra Selected Size.) The well-known favorite, either green or dry. Our strain is fine. Pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.50. \$5.50

Carolina, or Sewee. Beans about half the size of Large Lima. Pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.25.



By Freight or

Pole Beans-Continued



SHOTWELL'S IMPROVED NEW THICK LIMA.

Shotwell's Improved Thick Lima Bean

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved, or any other beam of its class, in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it last season, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pint, 35c.; qt., 60c., post-paid; qt., 45c.; 4 qts., \$1.25; peck, \$2.50, by express or freight.

New Golden Pod Andalusia Pole Bean

This new bean, introduced by us eight years since, has created a decided sensation wherever grown. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery and fine flavored. The vines cling well to the poles, a very important feature, as owing to its wonderful productiveness, the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color, and also make a fine shell or winter bean. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid.; qt., 40c.; peck, \$2.25; bush., \$8.00, by freight or express. or express.

Lazy Wife's Pole Bean

The best and largest Green Podded Pole Bean, first introduced by us some years since. The pods grow from four to six inches long, entirely stringless, and of a rich, buttery flavor when cooked: The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and unsurpassed as shell beans for winter use. They are pronounced by all who have grown them the best green podded snap-short Pole Bean in cultivation. Pkt., 10c.; pt., 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$1.75; bush., \$6.50, by express or freight.

Well-Known Pole Beans

LARGE PACKETS, 5c. EACH.

Pints furnished at half price per quart.

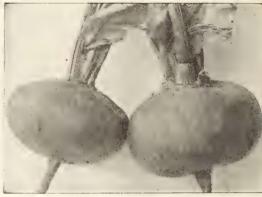
Green Pod Sorts		ress.
Per qt.		
White Crease Back or Fat Horse.		
Popular South,	\$1.50	\$5.50
Popular South, \$0 30 Improved Kentucky Wonder or		
Old Homestead. Long Pods.		
prolific. 30 Southern Prolific. A continuous	1 60	6 00
Southern Prolific. A continuous		
Speckled Cut Short or Corn Hill.	1 35	5 00
Speckied Cut Short or Corn Hill.	4 05	w 00
Best for planting among corn, 30 Dutch Case Knife. Flat pods, 30	1 35	5 00
Scarlet Runner. Ornamental 30	1 50 1 60	5 50
Horticultural or Wren's Egg, 25	1 25	4 50
Atorticultural of Wien's Egg, 20	1 29	# 00
Yellow or Wax Pod Se	orts	
Early Golden Cluster Wax.	0.00	7 00
Very Early. White Seed, 35 German Black Wax or Indian	2 00	7 00
Chief,	1 60	6 00
Giant Wax, Red Seed, 40	2 25	8 00
Mastiff Golden Pod. (New.) Crop	2 20	0 00
very short. Per pkt., 10c.; 3 pkts., 25c.		

Garden Beets

One ounce of seed will sow sixty feet of drill; five pounds will sow an acre in drills.

Please remember to remit, in addition to price, 10c. per lb. for postage, when seeds ordered are to be sent by mail.

ARLINGTON FAVORITE BLOOD BEET. Novelties, page 3. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.



CROSBY'S IMPROVED EGYPTIAN, THE EARLIEST BEET.

Crosby's Improved Egyptian

A very superior strain of the well-known Egyptian, carefully selected for years by Mr. Josiah Crosby, a noted Eastern market gardener. The results obtained were handsome form, good size, few small tops, fine quality, deep blood color and, above all, quick, rapid growth. Takes on its turnip shape, as shown in photograph, and looks well even in the early stages of growth. Once used, it is preferred to Egyptian or Eclipse for forcing in frames or for first sowing outside. It does not become woody and tasteless like the old Egyptian, when allowed to stand a little too long, and may be sown outside as late as July. No grower who values earliness should fail to grow the Crosby's Egyptian. Pkt., 5c.; oz., 10c.; ¾ lb., 25c.; lb., 75c.

EXTRA EARLY EGYPTIAN BLOOD TURNIP. A standard sort, ten days or two weeks earlier than the old Blood Turnip. Owing to smallness of the top it can be planted very close. It is of fair quality, medium size and dark crimson color. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c. NEW COLUMBIA (CARTER'S EXCELSIOR). This variety was introduced in 1892, and is pronounced by those who have grown it a valuable acquisition, both as an early and main crop variety. The color of the skin, flesh and top is like the well-known Egyptian. It also grows nearly as quickly, but is larger and longer in shape and of much better quality. Market gardeners will find it a splendid variety, while its fine flavor as a table beet will delight all private planters. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.





JOHNSON & STOKES' SURPRISE BEET

This beet, originated and selected on our own farm, has

This beet, originated and selected on our own farm, has now had several years' therough test by ourselves and hundreds of practical gardeners, who agree in pronouncing it one of the best extra early sorts ever produced.

Its neat turnip shape and smooth skin are well represented in the photograph above. Its small, upright-growing tops, the splendid shape and color of the roots, make it popular with everyone. The color of the skin is dark blood red, flesh bright red, zoned with a lighter shade. It is faultless in table qualities, the flesh being remarkably sweet, fine grained and tender in all stages of growth. Pkt., 5c.; oz., 10c.; 14 lb., 30c.; lb., \$1.00.

ECLIPSE BEET—Improved Strain

We were among the first seedsmen to offer the now popular Eclipse several years ago, and since its introduction popular Eclipse several years ago, and since its introduction we have been constantly working with it until we have attained what is pronounced by hundreds of gardeners "the earliest, best and most thoroughbred strain they can possibly get." It has become such a leader with us that our sales now average over 2,500 lbs, each season of this variety

sales now average over 2,500 lbs. each season of this variety alone. If you have never grown our improved strain it will pay you to try it. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

ELECTRIC. A new round beet, of first quality, deep crimson, slightly zoned, coming in with Egyptian. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 70c.

DARK STINSON. A very early deep blood turnip beet, popular with market gardeners around Philadelphia, and but little known elsewhere. It has a small top and is very valuable for foreing or open garden. Seed grown by the originator. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

CRIMSON CHIEF (NEW). The Crimson Chief, although moderately early, is not as early as some extra early sorts, but surpasses them all in quality and fine appearance. From the hundreds of favorable reports received from those who have planted it, it has many important advantages which will rapidly popularize it as the very best for early summer, autumn and winter use. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.



PHOTOGRAPH OF FORD'S PERFECTED HALF-LONG BEET.

FORD'S PERFECTED HALF-LONG. Originated FORD'S PERFECTED HALF-LONG. Originated by James Ford, who is well known to most of our customers as the originator of the famous Ford's Mannoth Podded Lima Bean. It has many distinctive points of great value. In size the roots are remarkably uniform. The color is a very deep red, several shades darker than the well-known Bastian Half-long. It is also earlier, maturing a few days after the Early Turnip varieties; and as a fall and winter beet it has no equal, as none other can approach it in keeping qualities. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

WELL-KNOWN STANDARD BEETS

LARGE PACKETS, 5 CENTS EACH.

Lentz Extra Early Blood Turnip.	Per oz	1/4 lb.	lb.
First introduced by us—original stock.	\$0 10	\$0 15	00 E0
	\$0 TO	20 19	\$0 50
Bastian's Extra Early Blood Turnip.			
Very early, small top, productive,	10	15	45
Early Bassano. Very sweet,	10	15	50
Mitchell's Red Turnip. (New Crimson.)	10	20	65
Detroit Dark Red Turnip,	10	25	65
Improved Blood Turnip,	10	15	45
Edmand's Red Turnip. Very uniform,	10	20	55
Dewing's Early Red Turnip,	10	15	50
Acme Second Early,	10	20	65
Bastian's Half-long Blood,	10	15	45
Long Smooth Blood Red,	10	15	50
Swiss Chard or Silver,	10	20	55
Add 10 cents per pound to the above p be sent by mail.	rices if	order	ed to

A NEW BEET FOR 1899

TRIAL PACKAGES FREE TO OUR CUSTOMERS.

We have secured from one of the most progressive market gardeners around Philadelphia a limited quantity of seed of an entirely new and distinct dark red turnip beet. It is the result of eight years' hard work and careful selection by the originator, and is a decided improvement on all red turnip-shaped beets now in cultivation. We cannot offer the seed for sale until 1899, but will include a liberal trial package in all orders received this season amounting to over \$1.00. All who receive a package of this new beet are entitled to compete for \$100 Cash Prize offered for best name suggested. See page 13.

BEETS

SUGAR AND MANGEL

STOCK-FEEDING VARIETIES

The attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sales of now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.
The seed

sown from April to June, in drills two feet apart, and afterwards thinned out to stand one foot apart in the rows. Keep well culti-vated, and you will have an abundant crop of roots

for winter use.

From five to six pounds of seed required to the acre. When ordered sent by freight or express, 5 cents per pound may be deducted from single pound prices for five-pound lots.

LANE'S IMPROVED IMPERIAL SUICAR

IMPERIAL SUGAR BEET. (See photograph.) An improvement on the French Sugar Beet. Hardier, more productive, yielding thirty-five to forty tons per acre, and contain tons per acre, and contaning a greater percentage of sugar. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c., postpaid; lb., 30c.; 5 lbs., \$1.25, by express or freight.

VILMORN'S IM-

PROVED WHITE SU-GAR BEET. An im-provement on the old White Sugar. Pkt., 5c.; oz., 10c.; lb., 50c.

RED TOP WHITE SUGAR BEET. Cultivated in Europe for sugar. Pkt, 5c.; oz., 10e.; lb., 30c.



LANE'S IMPROVED SUGAR.





Photograph of Prize Chirk Castle Mangel in comparison with the largest Improved Mammoth Long Red, both specimens grown in same field, with same cultivation. We believe this specimen to be the largest Mangel ever grown in America, and with no other variety than Chirk Castle could such a size and weight be attained.

The Chirk Castle Mangel=Wurzel Beet

Our attention was first called to this prodigious variety while visiting Scotland some years ago. While there we saw hundreds of specimens taken from the field, weighing from fifty to sixty lbs. each, while whole crops averaged thirty-eight to forty lbs. per roof, producing a yield of over sixty tons to the acre. The length is but little longer than Improved Mammoth Long Red, but it is remarkable for its handsome, thick, uniform shape and very broad shoulders, its diameter being greater and its weight very much heavier. The flesh is deep-colored red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. We consider this and Taber's Gate Post, described on next page, by far the most valuable and profitable of all the stock-feeding beets. The tops are smaller and it is such a shy seeder that the seed cannot be grown as cheaply as other mangels. We have a contract with the originator in Scotland for his entire crops of seed, and the genuine can therefore only be obtained through us. Pkt., 10c.; oz., 15c.; \(\frac{1}{4}\) lb., 25c.; lb., 75c., post-paid; lb., 65c.; 5 lbs. (enough for one acre) \(\frac{3}{2}\).00, by freight or express.

IMPROVED MAMMOTH PRIZE LONG RED MANGEL. A celebrated variety, sometimes called Jumbo, Norbitan Giant and Colossal. It is grown extensively for agricultural purposes, producing large roots, partly above ground. A very heavy cropper, frequently producing forty tons to the acre; growing enormously in size, but of fine texture and quality. Pkt., 5c.; oz., 10c.; 14 lb., 15c.; lb., 35c., post-paid; lb., 25c.; 5 lbs. and over, by freight or express, 20c. per lb.

GOLDEN GIANT INTERMEDIATE (YELLOW LEVIATHAN MANGEL). This new variety is a great improvement over the old Yellow Intermediate, being much larger and more even in shape, and of a beautiful yellow russet color. It grows more than half above ground, with fine neck and large leaves; flesh white, firm, sweet, greatly relished by cattle. It is a magnificent root, producing enormous crops; easily pulled and an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c; lb., 35c., post-paid. By express or freight, lb., 25c; 5 lbs, and over, 20c. per lb.

NEW GOLDEN YELLOW MAMMOTH MANGEL. A cross between Golden Tankard and Long Yellow. In form

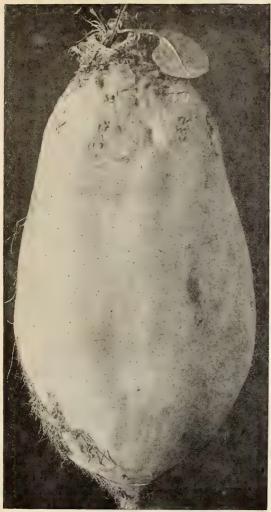
and size it resembles Improved Red Mammoth; the flesh-however, is a bright golden yellow, of fine quality and exceedingly rich in saccharine matter; a heavy cropper. Pkt., 5c; oz., 10c.; ½ lb., 20c.; lb., 55c., post-paid; by express or freight, 45c. per lb.; 5 lbs. and over, 40c. per lb.

CHAMPION YELLOW, OR ORANGE GLOBE MANGEL. The best Yellow Globe in cultivation; orange yellow, root of large size and fine nutritive qualities, growing partly above ground; succeeds well on light land. Of beautiful shape, neat top, fine clear skin, and of choice quality; a sure cropper and excellent keeper. Pkt., 5c.; oz., 10c.; ½, lb., 15c.; lb., 35c., post-paid. By express or freight, 2.c. per lb., or in lots of 5 lbs. and over, 20c. per lb.

GOLDEN TANKARD MANGEL. A valuable yellow-fleshed variety, said to contain a large percentage of sugar. It has already taken a leading place and is much relished by mileh cows and sheep. In shape it is broader than the Long Red, and not so long; exceedingly hardy, and maturing earlier than other large sorts. Pkt, 5c.; oz, 10c; ¼ lb., 15c.; lb., 35c., post-paid; 5 lbs. and over, by freight or express, 20c. per lb.

We Deliver Free! To any Post Office in the United States, all Vegetable and Flower Seeds, at prices quoted by the packet and ounce.





TABER'S GATE-POST. THE BEST YELLOW MANGEL.

TABER'S GATE-POST THE LARGEST AND FINEST YELLOW MANGEL KNOWN

This variety, originated by Mr. Taber, the prominent English seed grower, has, since its introduction in England and in this country, a few years since, rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over and producing 2000 to 2500 but led to the over, and producing 2000 to 2500 bushels to the acre. Our seed of this now famous sort is also grown for us by the originator in England. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c., post-paid; by freight or express, lb., 55c.; 5 lbs. or more, 50c. lb.

Broccoli

This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

Early Purple Cape. Best for the North, producing compact heads. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Brussels Sprouts

IMPROVED HALF DWARF, or PARIS MARKET. The most productive variety, bearing handsome solid sprouts of the best quality. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40.

BOOKS For the Farm and Garden....

The most complete list of Agricultural and Horticultural Books ever offered, including all the best standard works, written by acknowledged authorities on the subjects of which they treat. We will send them post-paid on receipt of price. To customers who order them in connection with their seed orders, we will allow a discount of 10 per cent. from publisher's prices, here quoted:

On Vegetables and Fruits

Asparagus Culture. By Barnes & Robinson, Biggle Berry Book. (New.) The very latest treatise on small fruits. Illustrated by colored plates,	\$0 5 0 50
Broom Corn and Brooms. Cloth, .	50
Cabbages and Cauliflowers, How to Grow Them,	30
Kalamazoo Celery. Bochore,	50
Mushroom Culture, J. & S. Paper Circular,	10
Mushrooms—How to Grow Them. Cloth,	1 50 50
New Onion Culture. T. Greiner,	50
New Potato Culture, as developed by the French	50
system, and the use of chemical fertilizers. Carmen.	50
Squashes-How to Grow Them. Gregory,	30
Sweet Potato Culture. Fitz,	60
On Farm and Garden Topics	
\$100 Prize Essays. Valuable essays, by practical	
growers, on the following subjects: "How and	
What to Grow in the South for Northern Markets."	
"Culture of Cabbage and Onions, with Hints for Storing and Marketing," "The Family Vegetable	
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Practical Farm Chemistry. T. Greiner,	1 00
Gardening for Profit. Henderson	2 00
Gardening for Pleasure. Henderson,	2 00
The Young Market Gardener. A Beginner's Guide,	50
How the Farm Pays. Henderson & Crozier,	2 50
How Crops Grow. A treatise on the chemical com-	0.00
position, structure and life of the plant. Johnson, How Crops Feed. A treatise on the atmosphere and	2 00
the soil as related to the nutrition of plants. John-	
	2 00
Draining for Profit and Health. Waring,	1 50
Land Measurer for Farmers. Pedders,	60
On Floriculture	
Practical Floriculture. For Florists. Henderson,	1 50
Landscape Gardening. Long, How to Destroy Insects on Plants and Flowers,	50
How to Destroy Insects on Plants and Flowers,	25
My Handkerchief Garden. Barnard, The Garden's Story. Elwanger,	10
Your Plants. Their care and treatment. Sheehan,	1 50
How to Plant a Place,	20
	20
On Poultry and Live Stock	
Biggle Poultry Book. Finely illustrated,	50
Low Cost Poultry Houses. Illustrated,	25
500 Questions and Answers on Poultry Topics,	25 25
	40
American Standard of Perfection. A complete	
Money in Squabs. Brinton, American Standard of Perfection. A complete description of all the recognized breeds of Fowls,	1 00
description of all the recognized breeds of Fowls, Capons for Profit. Greiner,	30
description of all the recognized breeds of Fowls, Capons for Profit. Greiner,	30 50
description of all the recognized breeds of Fowls,	30

FREE BOOK PREMIUMS FOR 1898

TWO VALUABLE NEW WORKS JUST PUBLISHED AND STRICTLY UP-TO-DATE. See second cover, opposite page 1.

These are not cheap books, but are handsomely bound in cloth and an ornament to any centre table. They cover important subjects to every Farmer and Gardener that have not heretofore been practically written upon.

No. 1. FARM GARDENING, or Quick Cash Crops and How to Grow Them. Also treats on "Economic Manuring." 128 pages. Profusely illustrated. Sent free with every vegetable seed order of \$3.00 and over.

No. 2. IRRIGATION BY CHEAP MODERN METHODS, Double the Crops—Water will do it. There is something here for every gardener that will suprise even the knowing ones. Both books, No. 1 and No. 2, are sent free with seed orders of \$5.00 and over.

Please remember these Premiums apply only to Vegetable and Flower Seeds, and cannot be allowed on Seed Potatoes, Onion Sets, Grass Seeds, Implements, Garden Tools or Live Stock.



ELIABLE ABBAGE EEDS SELECTED AMERICAN GROWN EEDS AMERICAN STOCKS

To market gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we need only say that we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago, Boston, Charleston, Norfolk and other large cities.



JOHNSON & STOKES' SELECTED EARLY JERSEY WAKEFIELD

JOHNSON & STOKES' EARLIEST CABBAGE.

JOHNSON & STOKES' EARLIEST

The Earliest and Hardest Heading of all First Early Cabbages

No words of praise can be written that would recommend this most desirable cabbage too highly. It is to-day more largely planted by market and private gardeners all over the United States than any other first early cabbage known. It gives every market gardener who plants it complete control of the early markets, and is everywhere pronounced by them the best and most profitable first early cabbage.

It is **ten days earlier** than Early Jersey Wakefield, and is **unsurpassed in fine quality**, great beauty and vigor of growth. The heads are slightly conical, as shown in photograph above, large, solid and uniform in growth, and of the finest quality. Prices, post-paid: pkt., 10c.; oz., 40c.; ½ lb., \$1.25; lb., \$4.00; 2 lbs., \$7.50; 5 lbs. and over, \$3.50 per lb.

JOHNSON & STOKES' SELECTED EARLY JERSEY WAKEFIELD While this sort is not so early as Johnson & Stokes' Earliest, it will be found to be the very best

While this sort is not so early as Johnson & Stokes' Earliest, it will be found to be the very best conical headed sort to come in immediately after it. Unfortunately the great demand for Jersey Wakefield has brought upon the market large quantities of coarse and inferior stock, which has tended to diminis' the popularity of the sort; but when pure home-grown stock, such as we offer, is used, it cannot fair give perfect satisfaction. Leading market gardeners around Philadelphia, New York, Boston and elsewhere, pronounce our improved strain "the very best they can get." Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25; 2 lbs. for \$4.00.

THE CHARLESTON OR LARGE WAKEFIELD CABBAGE

We were one of the first Seedsmen to introduce this now popular market Cabbage. It is five to six days later than Early Jersey Wakefield. The heads are fully one-half larger, not so pointed and very solid. It is very compact in growth, and can be easily planted in rows two feet apart and twenty inches in the rows. One great advantage both for the market and home gardener is that it does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury, until a favorable opportunity for cutting. Pkt., 10c.; oz., 25c.; \(\frac{1}{4} \) lb., 70c.; lb., \(\frac{5}{2} \).25-





JOHNSON & STOKES' MARKET GARDENERS' NO. 2, THE MOST PERFECT CABBAGE IN EXISTENCE.

Johnson & Stokes' Market Gardeners' Cabbage, No. 2

A Flat-Headed Cabbage, Coming in with Wakefield and Producing Double of any Other Extra Early

In this very valuable variety we have the earliest and most compact of all large cabbages. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere, the very best of all large early cabbages, either for summer or winter use. In it we have a everywhere, the very best of all large early cabbages, either for summer or winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer, and come in as early as the Wakefield, and fully ten days earlier than Early Summer or any other round or flat-headed variety. When planted for a fall or winter crop, there is no other cabbage which will withstand the summer sun so well, and is so sure to form large, deep, solid heads, which keep perfectly all winter. Such a cabbage is Johnson & Stokes' Market Gardeners' Cabbage No. 2, and all who have not yet given it a trial will, after growing it, be as enthusiastic in its praise as the thousands of other market gardeners and farmers who are now growing enthusiastic in its praise as the thousands of other market gardeners and farmers who are now growing it to the exclusion of all other varieties. Pkt., 10c.; oz., 35c.; \(\frac{1}{4}\) lb., \(\\$1.00\); lb., \(\\$3.50\); 2 lbs., \(\\$6.50\).

EARLY AND SUMMER CABBAGES

One ounce of seed will sow a bed of about forty square feet and produce about two thousand plants.

EXTRA EARLY EXPRESS. A new French cabbage, resembling the well-known Etampes Cabbage, but a few days earlier and a little lighter in color. It comes off almost as early as our Johnson & Stokes' Earliest Cabbage, but does not form so large or solid a head. Do not be deceived into buying these French Cabbages as the earliest and best, as after several years' comparative trials, each variety planted alongside, we find them some days behind our Earliest, which is a thoroughbred American variety, forming both larger and harder heads. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.25.

ALL HEAD EARLY. This new variety originated on Long Island, and was first introduced in 1891. The habit of growth is very compact, allowing it to be planted very close. We can recommend it as one of the most thoroughbred and uniform cabbages we have ever grown, as in a large field which we grew for seed every plant formed a head fully as large as All Seasons, and as early as Early Summer. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

HENDERSON'S SUCCESSION. Attention was first called to this new cabbage by Mr. Van Siclen, of Long Island, who originated the well-known Early Summer Cabbage. It has given satisfaction wherever planted. It follows ten days after Early Summer, with larger and heavier heads. It grows so compactly that, notwithstanding its large size, it can readily be planted almost as close as Early Summer. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.60.

EARLY WINNINGSTADT. The Prussian Prize Stock. Many consider the Winningstadt the very best for early market sales, as it invariably grows very hard, and will head on soils where many other sorts fail entirely. Reliable head on soils where many other sorts fail entirely. Reliable stock is hard to get, as seedsmen usually import it from England and France. The seed we offer, however, is American grown, acclimated and selected from the original Prussian grown, accl Prize Stock. Prize Stock. Those intending to plant this variety will find this strain far superior in earliness, size, solidity and great uniformity of heading to any other ever sold in this country. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25; 2 lbs. for \$2.00.

10 Well-known Standard Early Cabbages

Large Packets, 5 cents each.

Per oz.	1/4 lb.	lb.
Early Etampes, French sort, \$0 10	\$0 30	\$1 00
Wonderful—the earliest, 30	85	3 00
Early York-old sort, 10	30	1 00
Louisville Drumhead-medium ear-		
ly, popular in the Southwest, 20	50	1 75
Henderson's Early Summer-very		
popular, superior second early, 15	40	1 50
Vandergaw Midsummer, 15	40	1 50
Early Drumhead, finest strain, 15	40	1 50
All Seasons-large, sure header, . 15	40	1 40
Fottler's Improved Early Flat		
Brunswick-very large, 15	40 -	1 40
Early Dwarf Flat Dutch, extra, 15	40	1 50



文文Late or Winter Cabbages 次次



DANISH BALL-HEAD CABBAGE.

DANISH BALL-HEAD CABBAGE

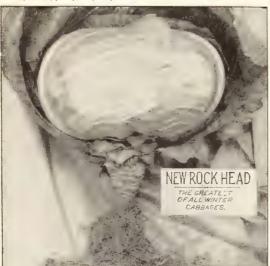
A very handsome and extremely hardy imported cabbage, which is growing in popularity in America, having cappage, which is growing in popularity in America, having proven one of our very best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. The heads are of good, marketable size, not quite so large as Flat Dutch, but very hard, round, finegrained and good keepers. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2.50.

ROCK HEAD WINTER CABBAGE

ROCK HEAD WINTER CABBAGE

When we introduced our famous Matchless Late Flat

Dutch Cabbage, a few years since, we thought perfection
had been reached in late or winter cabbages. Not until our
attention was called to this sort did we find one that would
at all compete with it. In the New Rock Head, however,
we believe it has a successful rival. It is of enormous size,
perfect shape, as shown in photograph below, and combines all those qualities so desirable to render a late cabbage
perfect in every respect, viz.: size, weight, quality, sure
heading and a long keeper. We have received hundreds
of letters from growers of this cabbage, and there has been
but one verdict from all—Rock Head the largest, most
solid and best selling cabbage ever grown. Pkt., 10c.; solid and best selling cabbage ever grown. oz., 20c.; ¼ lb., 85c.; lb., \$3.00.



THE LUPTON CABBAGE. Originated by Mr. J. M. Lupton, the largest individual cabbage grower on Long Island, who writes us as follows: "I originated the Lupton from a single early plant of a late variety; it is between the two in point of size and season of maturity, coming in after the second earlies and before the late—more thoroughbred and holding color better than any late sort. It combines the health and vigor of late sorts with the uniformity and sure heading qualities of the best second earlies. I believe it will become the leading main crop cabbage."

believe it will become the leading main crop cabbage." Prices of seed grown by the originator: pkt., 10c.; oz., 20c.; 14 lb., 60c.; lb., \$2.00.

AUTUMN KING, or WORLD-BEATER. A new strain of late cabbage which is highly spoken of by all gardeners who have thus far tested it. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact it is claimed that it will produce a greater weight of crop from the same space of ground then most other late.

to this fact it is claimed that it will produce a greater weight of crop from the same space of ground than most other late cabbages. Pkt., 5c; oz., 20c.; ½ lb., 50c; lb., \$1.75.

GENUINE SUREHEAD. This popular cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in our markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c; oz., 20c.; ½ lb., 50c.; lb., \$1.75; 2 lbs., \$3.00.

DIAMOND WINTER. Heads average fifteen to eighteen pounds in weight. They are extra hard and solid, somewhat flattened on top, always of the finest possible quality and sure to head. Pkt., 10c.; oz., 30c.; ½ lb., 57c.; lb., \$2.75.



JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH.

JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH. In this superior strain of late cabbage we believe JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH. In this superior strain of late cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who now grow it in preference to all others for a main crop, the finest strain of late Flat Dutch Cabbage in the world. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c; oz., 25c; ½ 1b., 75c; 1b., \$2.50; 2 lbs., \$4.50; 5 lbs. and over, \$2.00 per lb.

PREMIUM FLAT DUTCH. Largely grown for late or main crop, being a favorite winter market variety. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems. Pkt., 5c.; oz., 15c; ¼ 1b., 35c; 1b., \$1.25, post-paid; 5 lbs. and over, by express, \$1.00 per lb.

BRIDGEPORT DRUMHEAD. The standard shipping cabbage around Chicago. Large, even, firm, round head, seldom rots or bursts. Pkt., 5c.; oz., 20c.; ¼ 1b., 60c.; 1b., \$2.00.





LOUDERBACK'S ALL YEAR BOUND CABBAGE.

MAMMOTH RED ROCK CABBAGE.

Louderback's All Year Round Cabbage

This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; is rapidly gaining a reputation in all sections where cabbage is grown for market. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. It heads large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successively and continuously during all periods when cabbage is planted. Seed grown by the originator. Pkt., 10c.; oz., 25c.; ½1b., 75c.; lb., \$2.50; 2 lbs., \$4.50.

HOLLANDER OR GERMAN EXPORT. This is pronounced by many who have grown it one of the finest main crop and winter cabbages, and, notwithstanding its foreign origin, succeeds in all sections of the United States, keeping better than most other sorts. Heads are of medium size, of fine white color and very distinct. Pkt., 10c.; oz., 30c.; ½ lb., 85c.; lb., \$3.00.

CAROLINA HARD HEADER. This distinct late cabbage was originated in Buncombe County, North Carolina. It grows good-sized heads, round, slightly flattened on the top, and very hard, averaging fifteen to twenty-five pounds each. Earlier than the best strains of Late Flat Dutch. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25.

SHORT STEM DRUMHEAD. This improved variety far surpasses the old strain of Large Late Drumhead Cabbage, ripening earlier, with very short stock or stem, forming larger and thicker heads, of fine quality, and the best of keepers. Pkt., 10c.; oz., 25c.; ¼ 1b., 70c.; lb., \$2.25.

LARGE LATE DRUMHEAD. An old favorite winter variety. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.25.

MARVIN'S SAVOY. A new strain originated on Long Island. Pkt., 5c.; oz., 20c.; ½ 1b , 50c.; 1b., \$1.75.

PERFECTION DRUMHEAD SAVOY. Large heads, nearly round. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

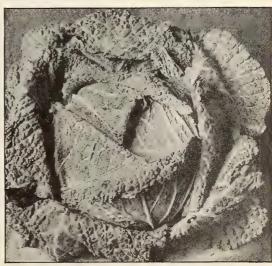
Red Dutch Erfurt. Very early, of deep blood color; head solid. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

MARKET GARDENERS, INSTITUTIONS, FARMERS' CLUBS, ETC.

who purchase Cabbage and other Seeds in large quantities will please write for special prices.

Mammoth Red Rock Cabbage

By far the best, largest and hardest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves, as shown in above photograph. The head is large, round, very solid, and of deep red color inside as well as outside. Ninety-eight per cent. of the plants will form extra fine heads. The best of the red cabbages. Seed grown by the originator. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



JOHNSON & STOKES' HARD-HEADING SAVOY CABBAGE.

JOHNSON & STOKES' HARD-HEADING SAVOY. This variety, the result of many years' careful selection, is certainly the perfection in the Savoys. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary Imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is sure to head, keeps well, and retains its color. It is the best of all for either market or the home table. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



2 VALUABLE NEW BOOKS FREE



FARM GARDENING, or Quick Cash Crops and How to Grow Them. 128 pages. Profusely illustrated. Sent free with every order for vegetable and flower seeds amounting to \$3.00 and over.

IRRIGATION BY CHEAP MODERN METHODS. Double the Crops—Water will do it. Illustrated. Both books, FARM GARDENING and IRRIGATION, are sent free with orders amounting to \$5.00 and over.

The great markets of the United States, full of buyers who demand quality and are willing to pay for it, are at the doors of the people who will read these books. Farm Gardening tells what crops to grow and how to grow them. Irrigation tells how to double the production at an expense of from \$10.00 to \$1,000, just according to what you want to spend. from \$10.00 to \$1,000, just according to what you want to spend.

GILT EDGE EARLY SNOWBALL CAULIFLOWER. The strain we have of this variety is without doubt the very best to be had. Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size, uniform shape and compact growth. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c., ½ oz., 75c.; ½ oz., \$1.50; oz., \$2.75; ½ lb., \$9.00.

EXTRA SELECTED EXTRA EARLY DWARF ERFURT. One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about fifteen inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt., 20c.; ½ oz., \$1.50; oz., \$2.75; ½ lb., \$8.00.

Extra Early Paris. A popular early white, sure heading variety. Pkt., 10c.; oz., 65c.; ½ lb., \$2.00; lb., \$6.50.

Veitch's Autumn Giant. Large, fine heads, well proportioned. Pkt., 10c.; oz., 60c.; ½ lb., \$1.75; lb., \$6.00.

Algiers. One of the best sure heading late varieties. Pkt., 10c.; oz., 75c.; ½ lb., \$2.25; lb., \$8.00.

Lenormand's Short Stem. Large late variety, with well-formed white heads of extra quality and well protected by leaves. Pkt., 10c.; oz., 65c.; ½ lb., \$2.00; lb., \$6.50.

CARROT

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

FRENCH MARKET. A magnificent new carrot from France, now offered for the first time in America. See novelties, page 3. Pkt., 10c.; oz., 25c.; ½ lb., 60c.; lb., \$2.00.

RED PARISIAN FORCING. A distinct new variety; carliest of all; as round as a turnip; has a fine neck, leaves short and erect. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

Very Early Short-Horn Scarlet or French Forcing. Small root. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 90c.

EARLY SCARLET HORN. Favorite summer variety, orange color. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

HALF-LONG NANTES. (Stump-rooted.) A fine intermediate variety. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

CHANTENAY. Resembles Half-long Nantes, but has larger shoulders. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 76c.

Early Half-Long Scarlet. Rich color, very fine for table use or forcing. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

NEW LONG RED CORELESS. Stump-rooted, free from any heart or pith. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 65c.

from any heart or pith. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 65c.





Rubicon Half-bong Orange

The Best Half-Long and Most Thoroughbred of all Carrots

Since our introduction of this valuable and distinct American carrot a few years ago, it has rapidly grown in popularity, until now it is more largely grown than all other varieties of carrot combined. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. The strain was selected and perfected by a well-known market gardener of Connecticut, under whose care the carrots attained such uniform shape that they are almost exact duplicates of each other. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulders, making it more productive; the leaves are also shorter, fewer and finer. It is a wonderfully heavy cropper, producing thirty to forty tons to the acre under good field culture. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sunburnt. Pkt., 5c.; oz., 10c.; \(\frac{1}{4}\) lb., \(\frac{3}{0}c.; lb., \(\frac{\$1}.00\).

IMPROVED DANVERS HALF-LONG. Our pure IMPROVED DANVERS HALF-LONG. Our pure American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small, color of a rich shade of orange, shape very handsome and smooth; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner. It is equally valuable to grow for feeding stock, being well adapted to all soils. Under good cultivation we have known it to produce thirty tons to the acre. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

OX-HEART, or HALF-LONG GUERANDE. (Stump-rooted.) This is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half-long and Horn varieties, attaining a diameter of three to four inches at the neck; of most beautiful shape, and rich orange color. It is of extra fine quality and very productive. Pkt., Sci. 20x., 10c.; ½ (b., 25c.; 1b., 75c. NICHOLS' LONG ORANGE. We procured this stock some years since from Mr. Robert Nichols, one of the most successful market gardeners of this city. The strain is much earlier than the Long Orange as usually sold. The color is of a deep golden orange when no thicker than an ordinary OX-HEART. HALF-LONG GUERANDE. \mathbf{or}

earlier than the Long Orange as usually sold. The color is of a deep golden orange when no thicker than an ordinary lead-pencil, shading to a deep orange red when fully grown. The root is perfectly smooth. It grows without any neck whatever; the top is short, and this, together with its extreme earliness, admirably fits it for early forcing. It is also one of the best varieties for growing outside, on account of its great productiveness and adaptability to all kinds of soil. We are headquarters for seed of this popular earrot; our stock comes directfrom the originator. Pkt., 5c.; oz., 10c.; ½4 lb., 20c.; lb., 75c.

IMPROVED LONG ORANGE. The well-known and popular old stand-by for late summer and winter use; grown

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Large White Belgian. Grows one-third above ground: large white root, with green top; grown exclusively for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Large Yellow Belgian. A good stock-feeding variety, differing from the above only in color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

New Customers As this catalogue will reach many

who have never had

our seeds, we would urge such to send us a trial order, no matter how small. Even though you may now be satisfied with seeds bought elsewhere, we believe our special strains of many of the newer varieties will be found as profitable to you as they have been to thousands of others.

Seeds of Equal High Quality Can Nowhere be Obtained for Less Money.



JOHNSON & STOKES' GOLDEN SELF-BLANCHING CELERY.

PERFECTED WHITE PLUME CELERY.

Celery

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.

Johnson & Stokes' Golden Self-Blanching

The Golden Self-Blanching Celery is pronounced by hundreds of our patrons the very best and most profitable celery in cultivation. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden yellow color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. The largest celery growers are now planting their entire early crops in this variety, and pronounce our strain the best and purest obtainable. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

NEW ROSE-RIBBED GOLDEN SELF-BLANCH-NEW ROSE-RIBBED GOLDEN SELF-BLANCH-ING (Golden Rose). A sport from our Golden Self-Blanching, possessing all its good qualities. The ribs, however, assume a warm rosy hue which deepens as the season advances. We can recommend this novelty very highly. Pkt., 15c.; 2 pkts.,

NEW GIANT PASCAL. This variety is also a sport from our Golden Self-Blanching, thoroughly established by careful selection. It partakes of the best qualities of that variety, but is somewhat larger and taller. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. A splendid keeper. Pkt., 10c.; oz., 20c.; ½ 1b., 50c.; lb., \$1.75.

DILKS' MANY-HEARTED. This new celery was originated by Mr. Geo. Dilks, a noted Philadelphia market gardener, from one stalk found growing in a field of Golden Dwarf in 1884. It is very distinct in appearance; foliage dark green. We have seen four stalks in a bunch weigh thirteen and a quarter pounds, and entirely cover the top of an ordinary flour barrel. Pkt., 10c.; oz., 20c.; ½ lb., 60c.; lb., 82.00.

SCHUMACHER. This is one of the most popular celeries in New York markets, many growers there regarding it one of the best winter varieties. Grows to large size, with golden vellow heart, very solid and crisp. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Perfected White Plume, Extra Selected

Each year adds to the popularity and value of White Plume Celery. Like our Golden Self-Blanching, it requires very little earthing up to blanch it, and although its keeping very little earthing up to blanch it, and although its keeping qualities are not equal to our Golden Self-Blanching, yet as a celery for the fall and early winter use, it is unsurpassed. Our strain of this variety is closely selected each year, and will be found entirely free from green celery, so prevalent in much of this seed sold. Market gardeners everywhere, who purchase from us, are unanimous in pronouncing our White Plume the best and purest strain they can get. Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75; 2 lbs. for \$3.00.

NEW PINK PLUME. This new celery is practically identical with White Plume, except that the stalks are suffused with a dainty pink, adding the crispness and rich nutty flavor for which the red celeries are noted. Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75.

PERFECTION HEARTWELL HALF-DWARF.

PERFECTION HEARTWELL HALF-DWARF. A large, solid-growing variety, of excellent flavor and a creamy white color. It makes an excellent market sort for winter use, as the stalks are clear and attractive in color, with golden yellow heart. Pkt., 10c.; oz., 25c.; ½ lb., 60c.; lb., \$2.25.

GOLDEN HEART OR GOLDEN DWARF. A most popular old variety among market gardeners. It is entirely solid, an excellent keeper and of fine, nutly flavor. In size and habit of growth it is Half-Dwarf; when blanched, the heart is large and full, of a waxy, golden yellow, rendering it very striking and showy for either market or private use. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

NEW ROSE. In England the Pink or Red Celeries are much more largely used than the White varieties. They possess many advantages over the white, being hardier, more solid and better keepers. The New Rose is the best of all the Red varieties, combining all these desirable qualities, and is the most ornamental for the table. Pkt., 10c.; oz., 25c.; ½ lb., 60c.; lb., \$2.25.

***************** You Grow Celery for Profit.....

You cannot afford to be without our new book, Farm Gardening. Sent Free with all orders of \$3.00 and over. See our Free Book Premiums for 1898, bottom of pages 21 and 26.





NEW PERLE LE GRAND CELERY.

Perle Le Grand Celery

VALUABLE FOR BOTH EARLY AND LATE USE. The Perle Le Grand Celery was named and introduced by usin The Perle Le Grand Celery was named and introduced by usin 1894, and has met with large sale. Its beautiful, full golden heart and rich, nutty flavor are unapproached by any of the older sorts. On the market stall it is extremely showy and salable, a single plant making a good-sized bunch and surpassing nearly all other sorts in weight. It is not only a good early celery, being among the first fit to use, but also valuable as a winter keeper, remaining, when properly trenched, in perfect condition away into the spring. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

New Winter Queen Celery

The best late celery, of superb quality and will keep longer than any other. See Novelties, page 4. Pkt., 15c.; oz., 40c.; ¼ lb., \$1.25; lb., \$1.00.

40c.; ½ 10., \$1.25; 10., \$2.00.
 WHAT PROMINENT CELERY GROWERS SAY.
 J. M. Rapp, Irvington, N. J., September 23, 1897, writes:
 Your Winter Queen Celery is the finest I have ever grown.
 John Hill, Brooklyn, N. Y., June 20, 1897, writes:
 Winter Queen Celery kept till May, the finest in New York market.
 George Reach, Chapel Farm, Newark, N. J., September
 1897, writes:
 Your Winter Queen is the finest celery ever grown or seen in this market.
 Hiram Presley. Port Huron Mich., writes:
 'I have tried

Hiram Presley, Port Huron, Mich., writes: "I have tried all of the leading seedsmen in the country, but have found your strains of celery superior to them all. I also notice that your prices are lower than other houses."

George P. Winn, Arlington, Mass., October 7, 1897, writes: "I am just beginning to market the Winter Queen Celery.

It is the most thrifty grower, bleaches well, most excellent quality, brings top prices."

5 WELL-KNOWN STANDARD CELERIES

Packets, 5 cents each. Pe		1/4 lb.	1b.
Kalamazoo, Broad Ribbed, \$6		\$0 50	\$1 75
Vautier's Giant Golden Heart,	20	60	2 25
Crawford's or Henderson's Half-			
Dwarf,	15	35	1 25
Giant White Solid,	15	40	1 40
Boston Market,	15	40	1 40
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Soup or Flavoring Celery (Old Seed). Used for flavoring soups, stews and pepper sauce. Oz., 5c.; 1b., 30c.

Celeriac—Turnip-Rooted Celery

LARGE SMOOTH PRAGUE. The largest, smoothest and best. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75.

Apple-Shaped. A new kind, with small foliage, the roots very smooth. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40.

Corn-Sweet or Sugar

One quart will plant about two hundred hills and one peck is required to plant an acre in hills.

Please remember our prices on Sweet Corn do not include postage. Add 8c. per pint, 15c. per qt. for postage when ordered to be sent by mail.

LARGE PACKETS, 5c. EACH.

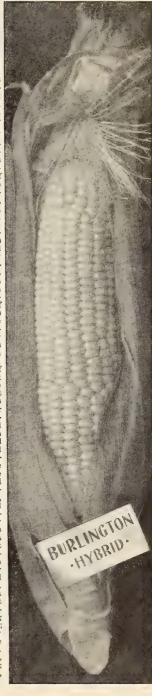
EXTRA EARLY VARIETIES.

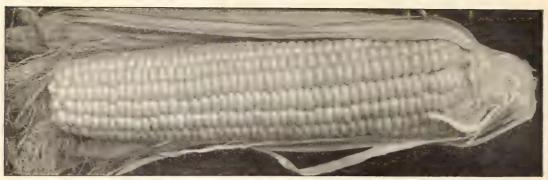
MAMMOTH WHITE CORY (New). As early as the red and white Cory, with ears twice the size. See Novelties, page 4. Pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.25; bush., \$4.50, by freight or express press.

NEW EARLY
EVERGREEN. A selection from Stowell's Evergreen, possessing all its good qualities, but com-ing in ten days ahead of that famous variety. See illustration and description under Novelties, page 5. Pint, 25c.; qt., 45c., post-paid; peck, \$1.25; bush., \$4.00.

BURLINGTON HY-

BRID. This variety has been grown for several years with great profit by a few truckers of Bur-lington County, N. J. It has been adopted by a large number of our own patrons, on our recom-mendation, many of whom have written us that it gives them entire control of the early markets, proving extremely profitable. It is a cross between Adams' Extra Early and a large-eared productive variety sugar corn. Its great market value can be readily seen from the fact that it is as early as the Adams, with an ear fully as large as Stow ell's Evergreen, and more productive than either, producing equal to the most prolific field corn, it having frequentproduced over one hundred bushels to the acre grown as a field crop. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state ex-actly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It sweet or sugar corn. It is, however, of much betis, however, of much better eating quality than the Adams. When dry the grain is smooth and of a creamy white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than early they want they rainty. mitting of closer planting than any other variety; the ears begin to set low down, and are borne three to four to a stalk. Pkt., 10c.; pint, 20c.; qt., 35c., post-paid; qt., 20c.; peck, 80c.; bush., \$2.75, by freight or express.





An Ear of Early Champion, Photographed Green when Ready for Boiling.

NEW EARLY CHAMPION SWEET CORN

In recent years we have introduced several new varieties of sweet corn, all of which have now become leading standard sorts. From our own trials and experience of a large number of our customers who grew the New Champi in last season, we predict that, when fully introduced, it will become a leader among the early sorts. Mr. E. B. Clark, of Connecticut, is one of the largest growers of Seed Sweet Corn in this country, and we know of no one who is a better authority on the subject. He writes as follows: "New Champion is the largest and best early corn we know of. It ripens a little earlier than Cristy's Extra Early, with an ear larger than Concord; in fact, many of the ears grow fully as large as Evergreen. It is 10 and 12 rowel and pure white in color. Its earliness and large size will certainly make it one of the most desirable for market or home use." Per pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.

KENDEL'S EARLY GIANT SWEET CORN

Our attention was first called to this new white cob sweet corn in the spring of 1896, and, after critical tests for two years on our trial grounds, we find it possesses great merit, and, therefore, give it a prominent peace in this catalogue. It is very early, being fit for use in sixty days from planting. The ears are large, 8 to 10 inches in length, the majority having twelve rows to a cob. Kernels pure white very sweet and tender. It is also a most productive variety, and will prove a valuable acquisition to every home or market gardener who plants it. Pkt., 10c.; pint, 25c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.

SWEET CORN—Extra Early Varieties—(Continued).	Post	-paid.	By Exp	ress or	Freight.
Choice Eastern Grown Seed. Superior to Western Grown.	Pint.	Qt,	Qt.	Peck.	Bush.
Early Cory. (Red Cob.) A very early variety, with fair-sized ears. Excellent for market, and has attained wide popularity. First of All. A selection from Cory; ears medium size; tender, White Cory. Resembles ordinary Cory, but white cobs and grain, Burbank's Early Maine. One of the earliest; with large, pure white ears; of first-class quality for an early sort, Minnesota. Nearly as early as Cory; of dwarf growth; ears white, Perry's Hybrid. Very early and of large size; valuable for market, Bonanza. As early as Crosby's, twice as large; valuable for market, Adams' Extra Early. Not sugar corn, grown for early use, Crosby's Extra Early. Fair-sized ears; of excellent quality,	\$0 20 20 20 20 20 20 20 25 20 20 20	\$0 35 35 35 35 35 35 40 35 35 35	\$0 20 20 20 20 20 20 20 25 20 20	\$0 70 70 75 80 70 75 90 70 70	\$2 40 2 50 2 60 2 75 2 40 2 60 3 00 2 40 2 40
SECOND EARLY, or INTERMEDIATE VARIETIES.					
Shaker's Early. Very large, white grain; early and productive, Early Dawn. Ears large and thick; white cob, 16 to 22 rows;	20 25	35 40	20	75 90	2 60
kernels large, plump, deep, of the finest quality, Stabler's Early. Grains deep, of fine quality; popular with Philadelphia market gardeners. Potter's Excelsior or Squantum. Ears large and well filled, Early Large Eight-Rowed. (New England Sugar. Quality fine. Early Mammoth or Asylum. Much earlier than Late Maninoth. The Guarantee. Handsome ears, very white and of rich flavor, Roslyn Hybrid. Large growing variety of very fine quality; much prized by market gardeners and canners. The Honey. Husks and stalks deep red color; ears cream white,	20 20 20 20 20 25 25	35 35 35 35 35 40 35	20 20 20 20 20 20 25	80 80 75 75 90	2 75- 2 75- 2 60 2 60
deep grain and small cob; three to four large ears on a stalk,	25	40	25	90	3 00

By mail, each of the above varieties, IOc. per large packet, post-paid. Ears, I5c. each, post-paid. We sell \(\frac{1}{2} \) pecks at peck rates, \(\frac{1}{2} \) bushels at bushel rates on all varieties of corn, beans and peas.

Sweet Corn-Late Varieties

Choice Eastern Grown Seed

Large pkt., 5c.; ears, 10c.

To have delicious sweet corn, it should be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture, and plantings should be made frequently enough always to have a supply at this stage.



THE THREE SWEETEST CORNS IN CULTIVATION.

New Zig-Zag Evergreen

After testing this corn thoroughly at Floracroft Trial Grounds, as well as among a number of our customers, we are glad to say that the high recommendation given it by the originator was not the least overdrawn; we found it one of the sweetest and best late Sweet Corns we have ever grown. The ears resemble Stowell's Evergreen in size and grown. The ears resemble Stowell's Evergreen in size and shape, except that the kernels are placed irregularly or zig-zag upon the cob, which is always an indication of great sweetness in any variety of sugar corn. Pkt., 10c.; pint, 25c.; qt., 40c., post-paid; qt., 25c.; peck, 90c.; bush., \$3.00, by freight.

Country Gentleman Sweet Corn

The Shoe Peg Corn, introduced by us some years since, has become very popular and well known. The Country Gentleman, which was originated for the express purpose of excelling the Shoe Peg, possesses all its superior qualities, viz.: the deepest grain, smallest cob and richest flavor, and resembles Shoe Peg in every other respect, except that the ears are much larger. Notwithstanding the greater size

and resembles Shoe Peg in every other respect, except that the ears are much larger. Notwithstanding the greater size of the ear, it is fully as productive, producing three to four good ears to the stalk. Pkt., 10c.; pint, 20c.; qt., 35c., postpaid: qt., 20c.; peck, 70c.; bush., \$2.50, by freight or express.

SHOE PEG, or Ne Plus Ultra. This very excellent variety originated at Bordentown, N. J. The stalks are of medium height, without suckers, joints short and yield enormously. The kernel is small, very long, white and exceedingly tender, sweet, and of a rich, juicy flavor, not equalled by any other sorts, except the Country Gentleman and Zig-zag Evergreen. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, 70c.; bush., \$2.50.

LATE MAMMOTH. The largest of all varieties; ears very large, productive, flavor rich and sweet; a fine market variety. Pint, 10c.; qt., 20c.; peck, 70c.; bush., \$2.50.

EGYPTIAN, or WASHINGTON MARKET. A large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet and superior quality; fine for market. Pint, 10c.; qt., 20c.; peck, 80c.; bush., \$2.50.

BLACK MEXICAN. Black grains, very sweet and rich in flavor. Pint, 10c.; qt., 20c.; peck, 80c.; bush., \$2.75.

Fodder Sweet Corn. For soiling and green fodder. Bush., \$1.50; 5 bush. and over, \$1.40 per bush.

Original Stowell's Evergreen

A large part of the sugar corn sold as Stowell's Evergreen is not the true stock. We have seen what purported to be Stowell's Evergreen, growing on six different farms, and there were no two of these crops the same corn, and not one of them the true Evergreen as originated by Mr. Stowell one of them the true Evergreen as originated by Mr. Stowell and sold by him in Philadelphia markets over twenty years ago. We are satisfied that a majority of farmers and truckers who have for many years grown what was called Stowell's Evergreen, have really never had that variety in its original purity. The stock we offer has been grown and carefully selected each season from seed originally purchased from the originator, and notwithstanding there have been scores of new varieties introduced since, there is to-day no late sweet corn more satisfactory than the true Stowell's Evergreen, for either market, family use or canning. Pint, 20c.; qt., 35c., post-paid; qt., 20c.; peck, 70c.; bush., \$2.50, by freight. Special prices by letter for larger quantities.

Pop Corn for the Boys

MAPLEDALE PROLIFIC FOP CORN. The most productive pop corn, averaging eight to twelve good ears to the stalk. Ear, 10c.; large packet, shelled, 10c.; pint, 25c.; qt., 45c., post-paid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

WHITE RICE POP CORN. A splendid variety for popping purposes; grains sharply pointed. Ear, 10c.; pkt., 10c.; pint, 20c.; qt., 35c., post-paid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

SILVER LACE POP CORN. Pearl Pop Corn. (Small Graim.) Eight-Rowed Pop Corn. (Large Grain.) Each, pkt., 10c.; pint, 20c.; qt., 35c., post-paid; by freight or express: lb., 10c.; 3 lbs., 25c.; 25 lbs., \$1.75; 100 lbs. and over, 5c. per lb. Special prices for larger lots.

Corn Salad or Vetticost

One ounce will sow about eighteen square feet, and six

ands will sow one acre.

BROAD LEAVED (LARGE SEEDED). A delicious BROAD LEAVED (LARGE SEEDED). A deficious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

Collards (Colewort)

Collards are largely used as "greens" in some parts of the country, especially South. They are a form of the cab-bage, bearing new leaves as the old ones are pulled off.

True Georgia. Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00.

Chervil

This plant has a fine flavor and perfume, and is used for flavoring soups, etc., and in salads.

Curled. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 90c.

Chicory

Large Rooted. Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., 90c.

Chives

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops. Planted in clumps in any garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. Roots, per bunch, 10c.



Cress

One ounce will sow about fifteen square feet.
NEW UPLAND CRESS.



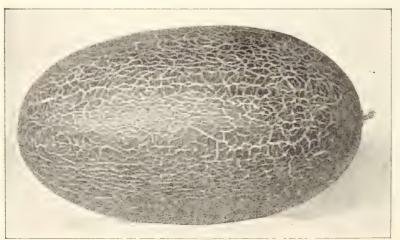


IMPROVED ARLINGTON WHITE SPINE CUCUMBER—EXTRA SELECTED STOCK

A marked improvement over all other strains of White Spine, and, since its introduction a few years ago, it has proven a most profitable variety with all truckers who have grown it, bringing better prices in the Philadelphia, Boston and New York markets than any other variety. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of the best White Spine. The color is a clear rich green, brilliant and permanent to an extraordinary degree. Its shapely form is well shown in our photograph above. In productiveness, it ranks first, the cucumbers being set in profusion, close to the hill, and of unequalled symmetry and uniformity. While this is the best sort for market and shipping, there is no better variety for the home garden. Pkt., 5c.; oz., 10c.; \(\frac{1}{4}\) lb., 25c.; lb., 75c., post-paid; by express, lb., 65c.; 5 lbs. and over, 60c. per lb.

CUCUMBERS—The Best Standard Varieties.			
Large packets, 5c. each. Add 10c. per lb. if ordered sent by mail.	Per oz.	1/4 lb.	Per lb.
Jersey Extra Early Prolific. Ten days earlier than Jersey Pickle,	\$0 10	\$0.25	\$0.70
New Everbearing or Siberian. Small pickler; early; productive,	10	20	65
Peerless, or Improved White Spine. A fine strain; very early,	10	20	50
Evergreen White Spine. Very early and prolific; straight; full at both ends;	20		
retains its fine, deep green color in all stages of growth,	10	25	70
Cool and Crisp. Black green color; desirable shape for pickles,	10	20	60
Johnson & Stokes' Perfected Jersey Pickle. See novelties, page 5,	20	50	1 50
Early Frame, or Short Green. For slicing or pickling; productive,	10	20	50
Westerfield's Chicago Pickle. One of the best pickles; very popular,	10	20	55
Nichol's Medium Green. Thick through; full ends; for slicing or pickling.	10	20	50
Green Prolific, or Boston Pickling. Dark green; uniform small size,	10	20	50
Thorburn Commercial Pickle. White Spine type; dark green,	10	20	65
Improved Long Green. (Jersey Pickle.) Dark green, crisp and productive,	10	20	60
Giant of Pera. Grow 1 to 13 feet long; the best for table use,	10	25	75
New Japanese Climbing. Extra strong vine; very prolific,	10	30	90
New White Pearl. Small; smooth fruits; the best white cucumber,	10	20	60
West India Gherkin, or Burr. Small; prickly fruits; best for small pickles,	10	30	90
Serpent, or Snake. A great curiosity; six feet long. Pkt., 5c.,	15	50	30
Desperation of State Control of the	10		

NEW ESKIMOSO—The Earliest Cucumber in Cultivation.



This wonderful new eucumber originated with Chauneey P. Coy, of Nebraska, who is probably the largest and most experienced producer of cumber and other vines in the United States. Mr. Coy writes its history as follows: "We first found a single specimen in a crop of Siberian while gathering pickles. It was dead ripe, dark and rusty, indicating such great earliness that we saved the seed, and have bred it up by years of careful selection. In comparing it with Early Russian, we find it ready for use a good week ahead of that heretofore earliest known sort. The vines are dwarfish; it sets close to the hill and needs but little space to grow. Its excellent quality and extreme earliness are its great merits." Pkt., 10c.; oz., '20c.; '¼ lb., 45c.; lb., \$1.50.



Dandelion

Improved Large Leaved. A very early and healthful spring salad. Sow early in the spring in drills eighteen inches apart, and thin out to six inches in the drills. Pkt., 10c.; oz., 40c.; ½, 1b., \$1.25; lb., \$4.00.



NEW JERSEY IMPROVED LARGE PURPLE EGG-PLANT.

New Jersey Improved Large Purple Smooth Stem

In the great markets of New York and the North the finest egg-plants seen are those produced in New Jersey, whose growers have, by long experience, attained remarkwhose growers have, by long experience, attained remarkable skill in bringing this plant to the greatest perfection. The New Jersey Improved is a decided improvement on the New York Large Purple, in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval, and of a fine deep purple—never red or yellow; flesh white, tender and of a superior quality. A sure cropper. Our customers will find this variety the very best in cultivation. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00; lb., \$3.50.

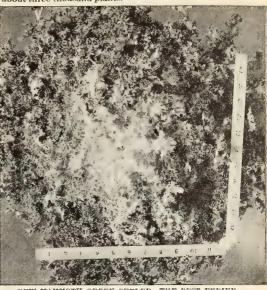
NEW YORK IMPROVED LARGE PURPLE SPINELESS. A leading market variety, grown extensively in sections where the New Jersey Improved has not been

in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; excellent and productive. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.

Endive

This plant makes a tender and delicious autumn salad. It is planted in June or July, and, when nearly full grown, the outer leaves are tied together in order to bleach the centre. One ounce will sow fifteen feet of drill and will produce

about three thousand plants



NEW MAMMOTH GREEN CURLED-THE BEST ENDIVE.

Mammoth Green Curled Endive

This beautiful and valuable variety is much superior to This beautiful and valuable variety is much superior to the old Green Curled, and grows fifteen to twenty inches in diameter, as shown in photograph above. The leaves are very crisp, tufty and full in every stage of growth. The midrib is pure white, very heavy, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting, being extremely hardy. No other Endive can compare with it in large size, handsome appearance and agreeable flavor. Pkt., 10c.; oz., 25c.; ½4 lb., 70c.; lb., \$2.25.

EVER WHITE CURLED. A beautiful variety; midrib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.; ½4 lb., 35c.; lb., \$1.25.

Green Curled. The well-known old sort; dark green curled leaves. Pkt., 5c.; oz., 15c.; ½4 lb., 35c.; lb., \$1.25.

Fennel

FLORENCE CELERY, Rooted. A novelty from Italy, where, owing to its delightful sweet flavor, it is much preferred to celery. It thrives remarkably well in our climate. Seed can be sown early in spring and cultivated same as parsley, except that the thickened part of the root should be covered with soil a short time before completing the growth. Pkt., 10c.; 3 pkts., 25c.; oz., 75c.

Garlic

This is extensively used for flavoring soups, stews, etc. The sets or small bulbs should be planted early in spring, in rows one foot apart, and three to five inches apart in the rows. Cultivate like onions. In August the crop is ready to gather, and is kept in the same manner as onions. Sets, per ½ lb., 25c.; lb., 40c., post-paid; 10 lbs. and over, 25c. per lb.

JOHNSON & STOKES' VEGETABLE PLANTS—GROWN AT FLORACROFT

Always reliable-We get them at the store fresh daily, in season

CABBAGE PLANTS. Early. For April and May delivery, 35c. per 100; \$2.50 per 1000.

LATE CABBAGE PLANTS. Ready July 1. 25c. per 100; \$2.00 per 1000.

CAULIFLOWER PLANTS. Early Alabaster. Pot grown, ready in March and April. 60c. per doz.; \$3.50 per 100.

CELERY PLANTS. Ready July 1st. Perle Le Grand, Winter Queen, Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. 40c. per 100; \$3.00 per

LETTUCE PLANTS. Ready in April and May. 40c, per 100; \$3.00 per 1000.

EGG PLANTS. Ready in May and June. New Jersey Improved Large Purple, smooth stem. Grown in pots, 60c. per doz.; \$4.00 per 100. Out of hot-beds, 30c. per doz.; \$2.00 per 100.

PEPPER PLANTS. Ready in May and June. Large Bell Ruby King. 20c. per doz.; \$1.25 per 10.

TOMATO PLANTS (Transplanted). Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 20c. per doz.; \$1.00 per 100; \$8.00 per 1000. Not transplanted, \$5.00 per 1000.

SPECIAL PRICES TO BUYERS OF LARGE QUANTITIES

Gourds

The most useful for household and farm purposes.

LUFFA, or DISHCLOTH. This remarkable and handsome climber is a native of the East Indies. In it nature has furnished us with a vegetable dishcloth, the seeds



DIPPER GOURD.

NEST EGG. ORNAMENTAL.

DIPPER. Named for its resemblance to a dipper. The DIPPER. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.: oz., 20c.; ½ lb., 60c.; lb., \$2.00.

JAPANESE NEST EGG. These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet.

The plant is a rapid growing climber. Pkt., 10c.; oz., 25c.;

34 b., 75c.
SUGAR TROUGH. Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Pkt., 10c.; oz., 20c.; ½ b., 60c.; b., \$2.00.
FINE MIXED ORNAMENTAL. A collection of the most ornamental, beautifully colored, mottled and striped, and including all the above. Pkt., 10c.; 3 pkts., 25c.; oz., 40c.

Horse Radish

Horse Radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. Roots, per dozen, 20c; per 100, 75c., post-paid (50c. per hundred; \$3.00 per 1,000, by express). Write for special prices in large lots.

Kale-Borecole

One ounce will produce about two thousand plants.
JOHNSON & STOKES' NEW IMPERIAL, or LONG
STANDING. A beautifully curled and crimpled sort. Of
strong, vigorous habit, perfectly hardy, bright green color,
and very attractive in appearance. It is superior to all other
sorts, and will stand longer without shooting to seed than
any other variety. Height, about two feet. Pkt., 5c.; oz.,
10c.; ½ lb., 25c.; lb., 75c.
EXTRA DWARF GREEN CURLED SCOTCH
KALE. This is one of the best brakes for senior sowing.

IDC.; ½ lb., 25c.; lb., 75c.

EXTRA DWARF GREEN CURLED SCOTCH

KALE. This is one of the best kales for spring sowing in
the North, and is the principal sort grown in the South for
Northern markets. It is hardy, and will remain over winter
in any place where the temperature does not go below Zero.
The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright
green color, beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

GREEN CURLED SCOTCH. Philadelphia Stock.
A favorite with Northern market gardeners; growing
about two feet in height and hardier than the Extra Dwarf
Green Curled Scotch, being improved by frost; leaves
green and beautifully curled and wrinkled. Pkt., 5c.; oz.,
10c.; ½ lb., 20c.; lb., 55c.

SIBERIAN CURLED. (German Greens.) This variety
grows a little larger and coarser than the preceding; the
leaves are not so deeply curled and are of a bluish green
color; very hardy. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

CURLED MOSBACH. A particularly fine strain:
leaves bent upward, light green, double curled, white narrow ribs and veins—very showy, resembling a fine curled
parsley. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., 51.60.

SEA KALE. Grown for its blanched shoots; cooked
like Asparagus. Sow early in the spring, in rows two feet
apart; thin out to stand six inches in the rows; before winter, cover with leaves; the next spring transplant in hills
three feet apart. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2.50.

Kohl-Rabi Or Turnip-Rooted Cabbage

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow one hundred and fifty feet of drill.



NEW SMOOTH WHITE SHORT-LEAVED KOHL-RARI

NEW SMOOTH WHITE SHORT-LEAVED

Owing to the increasing demand for this popular Euro-ean vegetable, many gardeners have added it to their crops. pean vegetable, many gardeners have added it to their crops. After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00; lb., \$3.50.

NEW SMOOTH PURPLE. Very Short-Leaved. Like the above, except incolor. An extra fine purple. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00; lb., \$3.50.

EARLY WHITE VIENNA. Small bulb, early. Flesh tender and white. Pkt., 5c; oz., 20c.; ½ lb., 50c.; lb., \$1.60.

EARLY PURPLE VIENNA. A little later than the white; color bluish-purple. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.60.

Leek



GIANT ITALIAN LEEK.

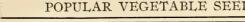
One ounce will sow one hundred feet of drill, and pro-duce about one thousand plants

NEW GIANT ITALIAN. This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best leek that can be grown either for the market or home use. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

LARGE AMERICAN FLAGE AMERICAN
FLAG. Previous to our introduction of the Giant Italian,
this was the favorite variety
with gardeners. Very fine and
large. Pkt., 5c.; oz., 20c.; ½ lb.,
50c.; lb., \$1.60.

CARENTAN, or SCOTCH CHAMPION. An extra large variety from Scotland, growing rapidly and very hardy. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

London Flag. Pkt., 5e.; oz., 15e.; ¼ Ib., 35e.; lb., \$1.25.



Lettuce

One ounce will sow about one hundred square feet and produce three thousand plants.

That our lettuce seed is the best obtainable is evidenced by the fact that our largest trade is with critical market gardeners, many of whom de-pend largely on their crops of lettuce for a livelihood. We also feel a pride in being able to point out very many of the most popular varieties of today as those first introduced by us.

Three Valuable Novelties in Lettuce for 1898

MYER'S "ALL-RIGHT" LETTUCE. Produces beautiful large solid heads, of the finest quality, at all seasons of the year. See Novelties, page 7. Pkt., 15c.; oz., 40c.; ½ lb., the year. \$1.25; lb.

the year. See Novelties, page 7. Pkt., 15c.; oz., 40c.; ½ lb., \$1.25; lb., \$4.00.

NEW MAMMOTH SALAMANDER. Grows to double the size of old Salamander, heads hard and handsome. See Novelties, page 6. Pkt., 10c.; oz., 30c.; ½ lb., \$5c.; lb., \$3.00.

THE MORSE LETTUCE. The best curled lettuce, wonderfully early. See Novelties, page 6. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2 00.



BLACK-SEEDED SIMPSON. IMPROVED STRAIN.

BLACK-SEEDED SIMPSON. (Improved strain.) In Chicago and other Western cities this is the most popular and best-selling lettuce grown. It differs from Early Curled Simpson in being much lighter in color, the leaves nearly white and attaining almost double the size of that variety. It also stands the summer heat splendidly when grown outside. We offer a highly selected and improved strain. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50. JOHNSON & STOKES' NEW HOT-HOUSE. This new lettuce never fails to produce admirable results and please the most critical grower. It grows very rapidly to nearly double the size of the Tennis Ball, a sure header, and never rots in the earth like some. Every gardener who grows lettuce in greenhouses or hot-beds should give it a trial. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25.

NEW MIGNONETTE. A very small, hardy, russet-colored lettuce, with but few outer leaves, the head being wonderfully solid and compact. It comes in a few days after Boston Market, and resists drought and wet to a remarkable extent. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25.

ARLINGTON TENNIS BALL. This strain of white-seeded Tennis Ball is saved by one of the most successful market gardeners in Arlington, Mass., where the Tennis Ball Lettuce originated. The seed is saved from plants started under glass, by which means the valuable forcing qualities are better retained than from plants started outside, and from selected heads only. It is in every respect the same as the originator weed for stock, and which other gardeners BLACK-SEEDED SIMPSON. (Improved strain.) In

and from selected heads only. It is in every respect the same as the originator used for stock, and which other gardeners

as the originator used for stock, and which other gardeners have often been glad to get, paying \$1.00 per ounce for it. We highly recommend this special strain, knowing that nothing finer in a forcing lettuce can be obtained. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

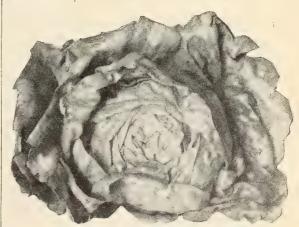
REICHNER'S EARLY WHITE BUTTER, or RIDGE LETTUCE. This very excellent new variety is the result of several years' selection from the Philadelphia Early White Cabbage, made by the Reichners, who are among the best market gardeners around Philadelphia. It is one of the best forcing lettuces, as well as one of the best for sowing in open ground, and for planting on ridges, being entirely hardy and almost frost- and weather-proof. Produces fine, large, white solid heads of superb quality. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00; 2 lbs., \$3.50.



HORNBERGER'S DUTCH BUTTER. This fine vari-remarkable degree. Pkt., 10e.; oz., 25c.; ½ lb., 70c.; lb., \$2.25.

NEW TREASURE. This new and distinct lettuce NEW TREASURE. This new and distinct rettiles forms a fine, large, solid head, with leaves of a rich, creamy-yellow color, which are very tender and buttery in flavor, surpassing nearly all other sorts in fine quality. It is a fine early lettuce and also one of the best summer varieties, being extremely slow to shoot to seed. It will delight all planters who grow it. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

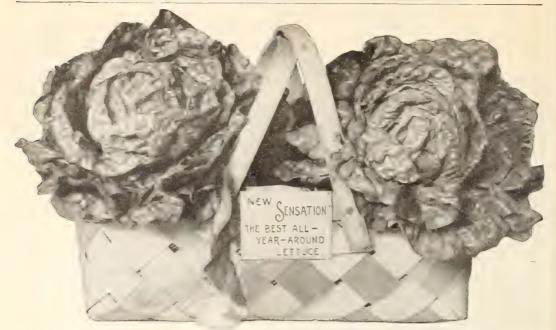
NEW WHITE RUSSIAN SUMMER. This is not a forcing variety, but one of the best for open ground crops, both North and South. Of very rapid growth, with few outer leaves; in color it is a light apple-green, yellowish-white inside, and forms a very large, solid head of the finest quality for market and shipping. All who have planted it are enthusiastic in its praise. This lettuce is so distinct that a casual observer could readily discover a single head in an agree of any other eart. Pt. 100 acc. 255 at 14. head in an acre of any other sort. Pkt., 10c.; oz., 25c.; 1/4 lb., 70e.; lb., \$2.25.



JOHNSON & STOKES' CHAMPION SPRING AND SUMMER.

JOHNSON & STOKES' CHAMPION SPRING and SUMMER. This new lettuce was offered for the first time six years since, and from the hundreds of favorable reports and its wonderful popularity, has certainly proved a boon to every gardener who planted it. It is one of the most valuable and distinct varieties in existence. Of a beautiful rich golden yellow color, and is not only one of the best lettuces for early spring planting, forming good solid heads before half grown, but alike valuable for growing during the hottest summer months. The heads are so solid and slow to shoot that they generally have to be cut before any seed-stalk can make its appearance. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25; 2 lbs., \$4.00. JOHNSON & STOKES' CHAMPION SPRING and





NEW SENSATION

A LETTUCE EQUALLY VALUABLE FOR EARLY FORCING OR GROWING IN OPEN GROUND DURING THE HOTTEST SUMMER MONTHS.

This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners, who all agree in pronouncing it not only the best lettuce they have ever grown for forcing under glass in hot-bed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color, leaves blistered on the surface, as shown in photograph above, and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and large even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuces for both the family and market gardener. Pkt., 10c.; oz., 25c.; \(\frac{1}{4}\) lb., 75c.; lb., \(\frac{82}{50}\).

LETTUCES-The Best Standard Varieties. Large pkts., 5c. each.

		74 101	A OI LOI
White-Seeded Tennis Ball, or Boston Market. A well-known forcing sort,			\$1 00
Black=Seeded Tennis Ball. For forcing; forms close hard heads,	10	30	90
Big Boston. A fine strain for forcing or open ground; very large, solid heads,	20	50	1 60
Golden Queen. For forcing; golden yellow; very dwarf, compact growth,	15	35	1 20
Silver Ball. Head silvery white, very solid and firm, of exquisite flavor; splendid			
for winter forcing or early spring and summer use,	20	50	1 60
Improved Yellow-Seeded Butter. Forms large yellow heads; crisp and tender,	15	35	1 20
Philadelphia Dutch Speckled Butter. Fine, large heads of excellent quality, .	15	35	1 20
Golden Stonehead. Handsome, small solid head; fine for forcing,	10	30	1 00
Grand Rapids. A famous shipping and loose-headed forcing sort,	15	35	1 20
Improved Simpson, or Perpetual. Early, tender; one of the best for cutting,	10	30	1 00
Defiance Summer, or Perpignan. One of the finest large cabbage varieties,	15	35	1 20
Thick Head Yellow. Uniform, large heads; solid as a cabbage,	10	30	1 00
California Cream Butter, or Royal Summer Cabbage. Fine, solid heads,	15	35	1 20
Salamander. Fine, compact heads, which resist summer heat admirably,	15	40	1 50
Deacon, or San Francisco Market. A large, solid cabbage lettuce for summer,	10	30	1 00
New York. Large, solid, dark green heads; used only as a summer sort,	15	35	1 20
Philadelphia Early White Cabbage. Handsome heads of superior quality	10	30	90
Tilton's White Star. Type of Black Seeded Simpson, grows larger and more	1		
rapidly; excellent for forcing or early planting outdoors,	15	40	1 50
Improved Hanson. Very large, solid and of fine quality; withstands the hot sun,	15		1 20
New Iceberg. Very solid; large, handsome cabbage lettuce; superior quality	15	40	1 50
New Trianon Cos, or Celery Lettuce. The finest of all the Cos sorts; leaves	20		2 .50
when bleached are stiff like celery stalks and can be eaten in the same manner,	15	40	1 50
Lettuce—American Varieties Mixed. Fifteen kinds mixed in one packet,	10	30	
Theen and more packet,	10	90	1 00

OUR SUCCESSION Collection of 5 Choice Lettuces One packet each of five choice varieties, which will give fine lettuce for the table

the entire season. Price, 15c.

Per oz. | 1/4 lb. | Per lb.



BRED Melon Seed

We grow our Melon Seed almost exclusively on our own and those of our private growers. We are to-day the farms and those of our private growers. We are to-day the largest growers of Melon Seeds in the United States, our an nual production amounting to many tons. During past years we have annually supplied them, not only in the United States, but to customers in nearly every country in Europe, Africa, South America, Mexico and West Indies. We also supply, every season, over our counter, hundreds of New Jersey truck gardeners with our superior strains. We attribute the popularity of our melon, as well as of other seeds, to our careful selection of the very finest specimens of our seed stocks, thus improving and breeding up our stocks to the highest state of perfection. As will be noted in the following descriptions, several of the best and most popular melons now known were first introduced by us.

Muskmelons or Cantaloupes One ounce will plant about seventy hills; three pounds

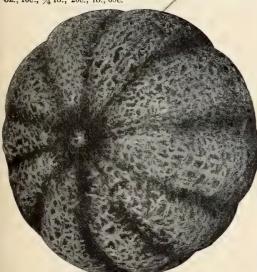
will plant one acre.

Correspond with us for SPECIAL PRICES if Seed is wanted in Larger Quantities.

NOVELTIES IN MUSKMELONS
McCleary's Improved Jenny Lind.
Improved Netted Gem (Rose Gem).
Anne Arundel, or Mammoth Acme.
For illustrations and descriptions of these very valuable new sorts, see pages 7 and 8.

EXTRA EARLY PRIZE. A carefully selected and improved strain, prized for its great earliness. When grown on good ground it is very thickly and beautifully netted, Rather small in size, flattened on the ends, and of excellent flavor and quality. Pkt., 5c.; oz., 10c.; ½ 1b., 30c.; 1b., 90c.

NETTED BEAUTY. This new variety, first named and introduced by us, has met with large sale, and many leading melon growers have realized handsomely on their crops of Netted Beauties, owing to their great earliness and distinct handsome appearance. It is very early, coming in a few days after our Extra Early Prize and New Captain, which are the earliest melons known. It is completely covered with a dense netting, and entirely free from any tendency to rib like other sorts. Very productive, whole crops averaging ten-melons to the vine, on good ground. Flesh pale green, very thick, sweet and high flavored. Pkt., 5c.; oz., 10c.; 14 lb., 20c.; lb., 65c.



THE CAPTAIN-THE EARLIEST MUSKMELON.

THE CAPTAIN—THE EARLIEST MUSKMELON.

THE CAPTAIN. This new Extra Early first attracted our attention in June, 1895, by its appearance in Philadelphia markets a week before any other New Jersey grown melons. As the grower refused to self the seed, we were obliged to pay high prices for the melons, in order to obtain seed stock for planting. They are a handsome green-fleshed sort, as shown in our photograph above, and will prove a bonanza to every gardener who grows them. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.



NEW GREEN-FLESHED OSAGE MELON.

GREEN-FLESHED OSAGE. This splendid new and distinct muskmelon, introduced by us, represents several years' selection made by Chauncey P. Coy, one of the most experienced growers of melons in the world. With his thorough knowledge of all varieties, he says: "It is superior in all respects to any other green-fleshed melon." This strong claim has been fully verified by hundreds of our customers who have grown it the past three seasons, and proclaim it "the king of all the green-fleshed sorts." It is very hardy and prolific, in size and shape like the Red-Fleshed Osage, but much more handsomely netted and colored on the outside skin, while its flesh is a beautiful pea-green and of most delicious quality. Pkt., 5c.; oz., 10c.; ½1b., 25c.; lb., 75c.

JERSEY BELLE. Introduced by us in 1893, Although not quite so early as the Captain, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating, by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; 5 lbs. and over, 65c. per lb. per lb.

NEWPORT. A splendid new variety, of Jenny Lind type, and which it resembles in shape. Very early, with unusually high-flavored green flesh. Pkt., 5c.; oz., 10c.; 141b., 30c.; 1b., 90c.

IVY GEM. This grand new sort will prove a moneymaker to every grower of meions for market. It is the largest Extra Early Melon, and earliest of the yellow-fleshed sorts, and fully as large as the well-known Surprisemelon, which it resembles in color and smoothness of skin, meion, which it resembles in color and smoothness of skin, being almost cream-yellow outside; but differs from that variety in being very deeply ribbed, and decidedly earlier and more productive. The flesh is deep salmon color, very thick and superior in quality, having a delicate spicy flavor and sweetness which have heretofore only been found in the European sorts. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.25.

PERFECTED DELMONICO. An improvement on the popular Delmonico, of large size and oval in shape. The flesh is of a beautiful orange pink, and for excellence in quality all lovers of good cantaloupes should try the new Perfected Delmonico. Pkt., 5c; oz., 10c; ¼ lb, 25c; lb., 75c.

NEW MELROSE. A very handsome and hardy new variety, of oval shape and dark green color. It is densely netted, without ribs, and its beautiful green flesh is of very superior quality. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

THE LONE STAR. A magnificent new melon from Texas. It surpasses most others in its luscious, thick salmon-colored flesh, and fine, large size. A Lone Star, owing to its unusually thick flesh, will weigh nearly double that of any other melon of the same size. It is oblong in shape, free from ribs and finely netted. Although of Southern origin, it succeeds well in the most northern States, and stands handling and shipment without losing its fine annearance. Pkt. ling and shipment without losing its fine appearance. 5c.; oz., 10c.; 1/4 lb., 30c.; lb., 90c.

JOHNSON & STOKES' SUPERB. This is, without question, the handsomest late melon, and the most showy of the green fleshed sorts. It attains a very large size and fine, round shape. Its shipping and market qualities are superior to the well-known Montreal, Hackensack and other large market melons, while in quality and fine appearance they can not compare with the "Superb." Those who want the most profitable for late market, or the best for the home garden, need seek no further. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c. JOHNSON & STOKES' SUPERB. This is, without





THE SHIPPER'S DELIGHT MUSKMELON.

This very distinct new melon was introduced by us last season after distributing, the year previous, for advance trial among our customers, about 10,000 packets. It would have required almost every page of this book to publish all the favorable reports from it, and, after looking them over, we could only arrive at one conclusion, and that is that it is one of the very best early green-fleshed melons in cultivation. Its fine appearance and peculiar shape, in each melon having a button on the blossom end, are well shown in our photograph above. They mature early, are of good size for market, flesh green, thick and of delicious quality. Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., \$1.50.

Standard MUSKMELONS, or Cantaloupes			
Large packets of any variety, 5c. each.	Per oz.	1/4 lb.	Per lb.
Early Jenny Lind. Small, early; light-green flesh; fine for market,	\$0 10	\$0.20	80.55
Grand Rapids. Remarkably early for its large size; salmon flesh,	10	20	60
Golden Netted Gem. (Golden Jenny.) Very early; small and of fine flavor,	10	20	60
Champion Market, or Starn's Favorite. Large globe shape; densely netted, .	10	20	50
Silver Netted. Very early; oval in shape; flesh deep green	10	20	50
Tip=Top Nutmeg. Grows to good size; sweet, juicy; yellow flesh,	10	20	60
Large Hackensack, or Turk's Cap. Large, round; flattened; green flesh,	10	20	60
New Early Hackensack. Ten days earlier than Hackensack, which it resembles,	10	25	75
Superior. Round, densely netted; light green flesh; of superior quality,	10	20	65
Emerald Gem. Small, early, productive; sweet salmon flesh,	10	20	65
Chicago Market. Early, good size; beautiful deep-green flesh,	10	25	75
Reedland Giant. A very large, long, showy cantaloupe; green flesh,	10	20	55
Pineapple. Medium size; oval; heavily netted; thick, green flesh,	10	- 20	65
Red=Fleshed Osage, or Miller Cream. Medium size; globe shaped; sweet,	10	20	60
Ward's Nectar. Small; green flesh, of delicious flavor; very fine,	10	25	75
Giant of Colorado. (New Giant.) Largest of all; sometimes weighing 40 lbs.,	10	20	65
Long Island Beauty. New variety of Hackensack type; very early, fine quality,	10	25	75
The Princess. Early, round, beautifully netted; the best red-fleshed sort,	10	25	75
Cannon Ball. Round; medium size; heavily netted; light green flesh,	10	30	90
Surprise. Early, oblong; cream-colored skin; flesh salmon color,	10	20	55
White Japan. Early; smooth, light skin; light green flesh,	10	20	60
The Banquet. Globe shaped; densely netted; dark, very rich salmon flesh,	10	20	65
Bay View. Very prolific and of great size; oblong; green flesh; late,	10	20	55
Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green; late	10	20	65
Acme, or Baltimore. Early; oblong; pointed; light green flesh; a fine shipper,	10	20	60
Banana. Late; grows eighteen to twenty inches long; highly perfumed,	10	30	90
Mango Melon, or "Vegetable Peach." For preserving or pickling,	10	30	90



Two Good Foreign Muskmelons

ACCLIMATED SEED OF OUR OWN GROWING



SECTION OF TOOGOODO SPANISH WINTER MELON.

Toogoodo Spanish Winter Muskmelon

Muskmelon

The shape and great thickness of flesh of this new melon are well illustrated in photograph above, which was made late in November from a melon weighing over eight pounds. Its color is bright, fresh, yellowish green, beautifully mottled with gray.

The vines are very hardy and productive, but its great value lies in the fact that it can be used on the table or brought to market and sold to fancy fruit stores as late as December and January, when they command a ready sale at 50c. to \$1.00 each. We are familiar with the Winter Pineapple, which we have several times attempted to grow, but find the Toogoodo the only winter melon yet introduced that will perfect its growth, and keep during the winter in this latitude. Pkt., 25c.; 5 pkts, \$1.00.

THE PERSIAN MONARCH. The fact that this grand new cantaloupe comes from Persia, the original home of the muskmelon, will of itself be sufficient recommendation to doldest varieties come from the same source. The Shah (as it is called in Persia) or Persian Monarch is one of the best of all foreign muskmelons, being very rich in quality. The flesh is thick, salmon color, with very thin rind. A friend of all foreign muskmelons, being very rich in quality. The flesh is thick, salmon color, with very thin rind. A friend remarked in testing their quality: "There is three times as much eating in one of these melons as in any other, and eating fit for the gods." Pkt., 10c.; oz., 20c.; ½ lb., 40c.; lb., \$1.50.

Good Words for our Melon Seed

Good Words for our Melon Seed SHIPPER'S DELIGHT MUSKMELON

B. Guthridge, Wedderburn, Oregon, September 28, 1897, writes: "Shipper's Delight did better than any muskmelon I have ever grown. It matures in good season, is very fine and of most excellent flavor."

W. A. Landers, Ridgeland, N. Y., October 24, 1897, writes: "Shipper's Delight is very prolific and of the very finest quality—even better and larger than Emerald Gem."

S. Houston Mitchell, Fallston, Md., August 8, 1897, writes: "Shipper's Delight didsplendidly under unfavorable conditions, as I was obliged to plant them on the stiffest piece of clay ground, my better spaces at the time being all in use. Notwithstanding this, they came up and flourished finely. The melons are perfect in appearance and of the finest flavor of any we ever greev."

finely. The melons are perfect in appearance and of the finest flavor of any we ever grew."

JERSEY BELLE MUSKMELON

B. J. Curtis, Lake Geneva, Wis., writes: "Jersey Belle is the earliest of melons. My yield of these choice melons was most abundant and gave the greatest satisfaction to the most critical customers. This variety is a leader among the green fleshed melons."

BLACK-EYED SUSAN WATERMELON. See Novel-

BLACK-EYED SUSAN WATERMELON. See Novelties, page 9.

James Wells, Edinburg, Ind., September 15, 1897, writes:

"Your new watermelon (Black-eyed Susan) is the finest I have ever seen or eaten."

John Bourgois, Cairo, Ills., November 15, 1897, writes:

"I find your new watermelon (Black-eyed Susan) perfect in every respect; it is of remarkably fine flavor. The weight of the melons average from 50 to 60 pounds."

John Joris, Kalamazoo, Mich., October 3, 1897, writes:

"The new watermelon (Black-eyed Susan) is first-class in every respect. It is the finest ever seen on this market."

Lizzie D. Beebe, Palmasola, Fla., September 6, 1897, writes:

"Black-eyed Susan is a grand watermelon, the best Lever saw. We had some fine ones in the spring, and now

I ever saw. We had some fine ones in the spring, and now the same vines, which did not die through the dry hot summer, are again full of melons, and in about three weeks will be ripe and ready to pluck."

Melons-Watermelon

One ounce will plant about fifty hills, and four pounds

"GROW WHAT YOU CAN GROW BEST—A FOR-TUNE AT HOME FOR YOU." IF YOU GROW MELONS FOR MARKET IT WILL PAY YOU TO READ OUR NEW ILLUSTRATED BOOK, "FARM GARDENING." FREE WITH ALL ORDERS OF \$3.00 AND OVER.

BLACK-EYED SUSAN. A new introduction for 1898. See colored illustration on back of this book, and description under Novélties, page 9. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb.,

BLUE GEM. A blue Kolb Gem. See Novelties, page 9-Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Cole's Early Watermelon

Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes; but, possessing all the other most desirable features, we can highly recommend it for home use. Medium size, nearly round in shape; rind green, striped with lighter shades. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Stokes' Extra Early Melon

This distinct melon, first introduced by us, is, without doubt, the earliest of all. Their shape is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid and in delicious sugary flavor is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much more productive than the larger sorts. Pkt., 5c.; oz., 10c.; ½ 1b., 25c.; lb., 75c.



DUKE JONES WATERMELON.

Duke Jones Watermelon

A famous new Southern melon introduced in 1895 since which time it has grown rapidly popular among shippers. It is one of the largest and most productive melons. Solid green skin and of fine appearance, as shown in photograph above. Solid red meat, of fine flavor, a heavy yielder, and early. It is one of the best shippers, and suitable for the home garden as well. Pkt., 5c.; oz., 10c.; ½ 1b., 20c.; lb., 65c., 5 lbs. and over, by express, 60c. per lb.





Johnson's Dixie Watermeion

Nothing we have ever introduced has met with such Nothing we have ever introduced has met with such large sale, and brought us so many strong recommendations from growers in all sections of the country as this wonderful melon. It is a cross between the Kolb Gem and Old-Fashioned Mountain Sweet, and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet in fine eating quality and flavor, and is a week to ten days earlier than either. It has a remarkably thin rind, almost impenetrable, which preserves it for a great length of time. Its great productiveness is shown from the fact that the past five seasons it matured from six for eight large melons to

Impenetrable, which preserves it for a great length of time. Its great productiveness is shown from the fact that the past five seasons it natured from six to eight large melons to the vine. The vines grow strong and rapidly, with more laterals than any other melon, and have the singular and very valuable quality of rooting from every joint, adding greatly to the productiveness and life of the vines. The meat as more scarlet, finer and of much better quality.

When we first introduced this new melon to the public in the spring of 1890, we paid what we believe to be the highest price per pound ever given for a crop of melon seed. The stock seed from which our present supply was grown was taken from the very choicest specimens in a field of thirty ares. The great popularity of Johnson's Dixie is due entirely to the great care and attention given to our selected strain, which is the best that care and money could produce. It has come to our knowledge that a vastly inferior melon is being offered and sold as Dixie. Look out for it. Buy direct from the Introducers and you will be sure to get the genuine. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.; 5 lbs. and over, 50c. per lb.

Extra Selected Stock Seed, saved from picked melons

Extra Selected Stock Seed, saved from picked melons, the largest and finest in our patch. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

JOHNSON'S DIXIE WATERMELON

Jas. B. Lineberry, Greensboro, N. C., September 1, 1897, writes: "Johnson's Dixie Watermelons are the best of all. sell them for good prices while others are a drug on the



MCIVER'S WONDERFUL SUGAR WATERMELON.

McIVER'S WONDERFUL SUGAR. This new watermelon was first brought to notice by Col. E. R. McIver, of North Carolina, the seed having come originally from the West Indies. In outward appearance it somewhat resembles the old Rattlesnake. The quality, however, is so much superior that it is an injustice to mention the Rattlesnake on the same page with it, as it even surpasses such excellent varieties as Florida Favorite and Icing. It is also an extremely productive and hardy variety, never cracking or losing its fine flavor in the wettest seasons. Per pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.; 5 lbs. and over, 65c. per lb., by express. McIVER'S WONDERFUL SUGAR. This new water-

FORDHOOK EARLY. Originated some years ago by Mr. Frame, of Delaware, who is also the originator of our BLACK-EYED SUSAN. It is of large size, shape nearly round, and averages thirty pounds in weight; the rind is tough, the flesh bright red and sweet. Equally desirable for home or market. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c. JONES' JUMBO. Skin green, with faint stripes of lighter green. In form and habit of resting on the blossom end, is like the Pride of Georgia, but is free from the ribs of that variety. They grow to a fine large size, with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. Ripens quite early, and is a most popular sort for market. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

BLACK BOULDER. For this grand new and distinct watermelon we are indebted to Aaron Paul, the veteran melon grower of New Jersey. Of very uniform symmetrical shape, growing to a large size, and rich dark green, almost black, color. It cuts equal to any melon we have ever eaten, and its shipping qualities are superior to Kolb Gem. Crop of seed very short. Pkt., 10c., oz., 20c; ¼ lb., 50c.

BLACK DIAMOND. Originated in Indiana, being a cross between Kolb Gem and Hoosier King. It grows to large size, nearly round, with dark green skin, red flesh of fair quality. Its greatest value is the tough skin and rind, which make it one of the best shippers. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

KENTICKY WONDER. This is a new red-seeded.

1/4 lb., 25c.; lb., 75c.

KENTUCKY WONDER. This is a new red-seeded variety. We have never known a red-seeded watermelon that was not a good one, this being the best we have ever grown. In shape it is oblong; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet color, crisp, tender, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. A real good, old-fashioned Kentucky melon, that has few equals in quality. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.



NEW SWEET HEART WATERMELON.

SWEET HEART. A magnificent new shipping melon, of uniformly large size and fine quality. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin but firm, flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. This variety has no superior as a melon to ship to distant markets, and it is so attractive in appearance that it is readily sold when many others are a drug. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 55c; 5 lbs. and over, 50c per lb. Pkt., per lb

NEW RED-SEEDED VAUCLUSE. This is not only NEW RED-SEEDED VAUCLUSE. This is not only the best foreign watermelon we have ever grown, but one of the most promising of the many sorts lately introduced. It is of French origin, very early, of large size, elongated, eggshaped. The flesh is a bright crimson, very sweet, not stringy, and edible to within one-eighth of an inch of the skin; the seeds are also bright red. The rind, though so thin, is very tough, and the shell glossy, making it an excellent shipper; dark green color, beautifully threaded with a still darker green. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 60c.

darker green. Pkt., 5c.; oz., 10c.; ½ 1b., 20c.; 1b., 60c. HUNGARIAN HONEY. A new variety brought from Hungary a few years since. They grow round as a cannon ball, very uniform in size and weight, running from ten to twelve pounds. The outside skin is dark green, rind very thin, flesh red and unusually sweet and luscious. Pkt., 5c.; oz., 10c.; ½ 1b., 20c.; 1b., 65c.

WHITE GEM. A new round, white-skinned variety, said to have come originally from China. It is extremely hardy and productive, and thrives well in our climate; flesh pink and of delicious flavor; rind thin, but very tough and hard. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.



New Watermelon—THE KLECKLEY SWEETS



PHOTOGRAPH OF A KLECKLEY SWEETS WATERMELON.

Well-Known Standard WATERMELONS

Two years ago Mr. W. A. Kleckley, of Alabama, sent us seed of his new watermelon for trial. After the most careful tests we find it to be just what is claimed for it-one of the bestflavored watermelons in cultivation. The shape is well shown in our photograph alongside; skin dark green, thin rind, flesh scarlet, very solid, firm and most luscious quality. For the home market or family garden it is decidedly one of the best. Seed grown by the originator. Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.40.

Per oz.

1/4 lb.,

Per lb.

Large packets of any variety, 5c. each. \$0 10 \$0 20 \$0 50 Phinney's Early. Very early; medium size; red flesh of fine quality, Phinney's Early. Very early; medium size; red flesh of fine quality, . . . Vick's Early. Extra early; shape oblong; skin varies in color; red flesh, . . . Delaware. Large, oblong; skin striped light and dark green; red flesh, Pride of Georgia. Round, large, crisp; bright red flesh; fine shipper, The Boss. Oblong; skin black green; flesh deep scarlet; of very superior quality, Dark Icing. Early, round, solid, with thin, dark green skin; of superior quality, Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality, Gray Monarch, or Long White Icing. Very large, long; crimson flesh of delicious flavor; a fine shipper bringing high prices.

Florida Favorite. A superior strain; very large, oblong, striped; luscious, Scaly Bark. Very large, dark green; light crimson flesh, Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh, Early California, or Improved Odella. Large, oblong; popular in New Jersey, Colorado Preserving Citron. (Green seed.) Also called Apple Pie; for preserves, Green Citron. (Red seed.) Round and handsome; for preserving only,

MUSHROOMS—Best English Milltrack Mushroom Spawn FRESHLY IMPORTED

Mushrooms can be successfully and profitably grown during the winter and spring months on greenhouse benches among other plants, in frames, under greenhouse benches, as well as in the open fields or in cellars or outhouses. They are the most profitable crop for the outlay that can be grown the American market being the best in the world for this delicious and healthful food.

Our celebrated English Milltrack brand (made by the best maker in England specially for our trade) has gained an enviable reputation among critical growers for its uniform good quality, and can be thoroughly relied on to produce a good crop of the best mushrooms. Per brick, 1½ lbs., 15c; (brick, post-paid, 25c.); 10lbs., \$1.25; 25 lbs., \$2.75; 100 lbs. and over, \$c. per lb., by express or freight. Directions for cultivation accompany each order for Spawn.



A BED OF MUSHROOMS GROWN FROM OUR CELEBRATED ENGLISH MILLTRACK SPAWN.



No one can appreciate the value of reliable seeds better than those who have been once disappointed. Too much care cannot be exercised in selecting your supply of onion seed. There is no vegetable in which the quality of the seed exerts a greater influence upon the crop. Our stock is all grown from choice bulbs, selected carefully by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to largely increase our facilities for growing every year for several years past.



Market Gardeners and Onion Growers who use large quantities of Onion Seed and Onion Sets will please write for special prices.

LOW PRICES FOR 1898

In consequence of having harvested a large and very fine crop of Onion Seed the past season, we have reduced our prices this year to the lowest at which we have ever offered our Pedigree Seed. While we have made our prices at the lowest living rate for the quality we furnish, yet we want to meet the competition of other first-class houses, and would request Market Gardeners and Onion Growers wanting large lots to write up before pleajant their cropses statics. large lots to write us before placing their orders, stating about what they desire to purchase, and where possible we will quote special rates.

will quote special rates.

Full-Sized Onions the First Year. The seed we offer will grow full-sized onions the first year. To do this they should be sown as soon as possible in the spring, no matter if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds before hot weather. One ounce will sow one hundred feet of drill. To grow large onions from seed, five pounds to the acre; to grow small sets, fifty to sixty pounds to the acre are required.

A Book All Onion Growers Should Have Full information for Culture, Storage and Marketing, of both onions and onion sets, will be found in our new up-to-date book, "Farm Gardening," which we send free with all orders of \$3.00 and over.

Philadelphia Yellow Globe Danyers Onion

This improved variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the earliest yellow globe variety, large in size, uniformly perfect in shape and the largest cropper, producing from seed 1000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the best keepers of all American Onions. In fact, it is everything that could be desired as a market or table onion. Prices of our Pedigree Tested Seed, crop of 1897, grown from selected hand-picked bulbs: Pkt., 5c.; oz., 10c; ½ lb., 25c.; lb., 70c, post-paid; lb., 60c.; 5-lb. lots, 55c. per lb.; 10 lbs. and over, 50c. per lb., by express.

Extra Large Red Wethersfield

Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wetha magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt, 5c; oz., 10c., ½ lb., 25c.; lb., 70c., post-paid; lb., 60c.; 5 lbs., \$2.75; 10 lbs. and over, 50c. per lb., by express or freight.

Philadelphia Extra Early Red Flat

Ten days to two weeks earlier than the Large Red Wethersfield, of medium size and deep red color, an abundant producer and of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, where other varieties fail to produce full-sized onions. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 70c., post-paid; lb., 60c; 5 lbs., \$2.75; 10 lbs. and over, 50c. per lb.

Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape; grows to good size, with thin yellow skin, white flesh, fine grained, mild flavor and excellent quality. It ripens early, frequently producing from six to eight hundred bushels to the acre; keeps well and is a splendid sort. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 60c, post-paid. By express or freight, lb., 50c; 5 lbs. for \$2.25; 10 lbs. and over, 40c. per lb.

Yellow Dutch, or Strasburg

The great set onion-our pedigree Philadelphia-grown The great set official realized for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-size of this variety grow round, plump and bright. Full-size onions are somewhat flattened, flesh pure white. mild flav or and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 70c., post-paid; lb., 60c.; 5-lb. lots, 55c. per lb.; 10 lbs. and over, 50c. per lb., by freight or express.

We will deliver free to

A Special Offer on the above 5 Most Popular Onions we will deliver free to any post-office in the United States 5 lbs, of either Philadelphia Yellow Globe Danvers, Extra Large Red Wethersfield, Philadelphia Extra Early Red Flat, Round Yellow Danvers, or Philadelphia Yellow Dutch or Strasburg for \$3.00. Customers have the privilege of ordering 5 lbs. of one variety, or they can order 1 lb. of each of the five varieties. All you have to do is to make up an order for 5 lbs. of the above sorts and send \$3.00.



EXTRA EARLY RED GLOBE DANVERS ONION.

EXTRA EARLY RED GLOBE DANVERS ONION. (New.) The earliest and best red onion. A fine keeper. See colored illustration on back of this book, and Novelties, page 10. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75; 2 lbs., \$3.25.

NEW WHITE PRIZE-WINNER ONION. The largest and handsomest white onion. See Novelties, page 10. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.25; 2 lbs., \$4.00.

PHILADELPHIA WHITE SILVER SKIN, or PORTUGAL. (See illustration on preceding page.) A very popular variety for family use; skin and flesh pure white, mild flavor and flat shape. The best white onion to grow largely for sets. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.0. \$1.0. largely for sets. Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.40.

PHILADELPHIA EARLY RED GLOBE. Of fine

PHILADELPHIA EARLY RED GLOBE. Of fine round shape, skin deep red, flesh mild and tender; an excelent keeper. In bottoming and cropping qualities it is very superior, and very desirable for table or market use. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40.

SOUTHPORT LARGE YELLOW GLOBE. This fine American variety is entirely distinct from Danvers. It is a very handsome, round variety, of large size, white flesh, fine grained, mild, very firm, and the best of keepers. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 90c., post-paid; lb., 80c.; 5 lbs., \$3.50; l0-lb. lots and over, 65c. per lb., by express.

SOUTHPORT LARGE RED GLOBE. Very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wethersfield. It is a splendid keeper, and of fine quality. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., 90c.

SOUTHPORT WHITE GLOBE. A large, globe shaped variety, with white skin, fine flesh, handsome shape A large, globeand a good keeper. Pkt., 10c.; oz., 20c.; 1/4 lb., 50c.; lb., \$1.65.

Rhode Island Cracker Onions

The Cracker Onions have had a great local reputation in Rhode Island for several years, the gardeners there who have been growing them having realized large profits, owing to their extreme earliness and very handsome appearance on to their extreme earliness and very handsome appearance on the market. Shape flat, like a cracker, hence the name; flesh is white, of most excellent quality. They are enormous croppers and possess superior bottoming qualities, whole crops being annually grown without a single scullion.

Rhode Island Yellow Cracker Onion. Skin rich yellow color. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

Rhode Island Red Cracker Onion. Skin deep rich red. Pkt. 5c. oz. 15c.; ½ lb., 40c.; lb. \$1.50.

red. Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.



IVORY BALL, THE BEST KEEPING WHITE ONION.

Ivory Ball and Golden Ball Onions

Since our introduction of the Golden Ball and Ivory Ball Onions, the demand for the seed has been so great that we Onions, the demand for the seed has been so great that we have been obliged to double our acreage for seed each year. They originated with one of the most successful onion growers of Ohio, his onions frequently controlling the late markets and selling rapidly at high prices, even long after new onions arrived from the South, owing to their excellent keeping qualities, fine appearance and handsome shape.

IVORY BALL. Pure white skin and flesh, round and handsome. Pkt., 10c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

GOLDEN BALL. Skin rich golden color, flesh white; a great keeper. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

Mammoth Yellow Prize-Taker



The Largest and Handsomest Yellow Onion.

This variety was first introduced by us a few years since, and has become one of the most popular of the yellow onions. Hundreds of American onion growers agree in pronouncing it the largest, handsomest and most profitable yellow variety they have ever grown. It is the very large beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities. Our photograph alongside was made from a basket of onions grown in Jersey from our seed and awarded the first prize at the N. J. State Fair. The outside skin is of a rich yellow straw color, while the flesh is white, sweet, mild and tender. They bottom and tender. They bottom well, are free from stiff necks and produce enormously. The seed we offer American grown, crop of 1896, and much superior in 1896, and much superior in-quality to the cheaper im-ported seed offered by some. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40, post-paid; lb., \$1.30; 5 lbs., \$6.00; 10 lbs. and over, \$1.15 per lb., by express or freight.



MICHIGAN YELLOW GLOBE ONION.

Michigan Yellow Globe Onion

The largest crops of onions are always produced on rich muck or black lands, and this onion is specially suited to them, always giving enormous yields. The bulbs are large and of handsome globe shape, as shown in our photograph above, with very small necks; of a rich orange-yellow color, and splendid keepers. Pkt., 5c; oz., 10c; ½ 10c, 30c; 10c, 85c, post-paid; 10c, 75c;; 5 10s., \$3.50; 10 lbs. and over, 65c. per lb., by express or freight.

HARD ROUND SHVER SKIN, FOR PICKLING.

The best onion for pickling, producing uniform, small, round, handsome onions, with pure white skin, never turning green from exposure. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.65.



TRUE AMERICAN EXTRA EARLY PEARL ONION.

American Extra Early Pearl Onion

American Extra Early Pearl Onion
The earliest white onion, growing to enormous size and shape, as shown in photograph above; of pearly white color, the outer skin having a very showy, waxy appearance, flesh of a pure snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching, the first season from seed, the enormous size of six to seven inches in diameter, frequently weighing three to four pounds each. A splendid keeper, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is Philadelphia grown, and should not be confounded with a cheap imported variety offered by some dealers under the same name. Pkt., 10c.; oz., 20c.; 14 lb., 50c.; lb., \$1.75, post-paid; lb., \$1.65; 5 lbs., \$8.00; 10 lbs. and over, \$1.50 per lb., by express.

Mammoth Victoria Onions

A new race of onions introduced from Sardinia, where A new race of onions introduced from Sardinia, where they are largely grown. They have attained enormous sizes and weights, of two to four pounds each, grown in the United States. They are of handsome globe shape, and are worthy of a trial by all gardeners who are interested in the growing of foreign onions for either market or exhibition purposes. As the imported seed of these varieties germinates poorly, we offer choice American grown seed.

RED VICTORIA ONION. Skin blood red, flesh white, mild flavor. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.20.

WHITE VICTORIA ONION. Skin and flesh pure white, of sweet, mild flavor, and a very handsome, showyonion. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40.

Italian Onions

MADRID GIANT, or RED PRIZE-TAKER. This new variety possesses the large size, mild flavor, excellent keeping qualities of the celebrated Prize-Taker, and only

keeping qualities of the celebrated Prize-Taker, and only differs from that variety in its handsome red skin. The seed we offer is American grown, which will germinate better than the imported. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50. WHITE BUNCH. The best for selling in bunches or using in a green state. Very early, produces large, white onions of the finest quality. Pkt., 10c.; oz., 20c.; ½ lb., 50c.; bl., \$1.75. post-paid; 5 lbs. and over, \$1.60 per lb., by express. MAMMOTH SHVER KING. This variety is of attractive shape, with silvery white skin and flesh, of mild flavor. It matures a little later than our Extra Early Pearl, is of flatter shape, and frequently weighs three to three and one-half pounds. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.65.

NEW WHITE ADRIATIC BARLETTA. The earli-

NEW WHITE ADRIATIC BARLETTA. The earliest, neatest and smallest onion grown; valuable for pickling or table use. Pkt., 5c.; oz., 20c; ½ lb., 60c; lb., \$2.00.

GIANT ROCCA. Large, of globular shape, reddishorown skin, and delicate flavor, sometimes weighing three pounds and over. Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.0.

WHITE QUEEN. A rapid grower, white skin, of mild flavor, early, and remarkable for its keeping qualities. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75.

True Bermuda Onion Seed

Our sales of this valuable early variety, the true stock of our sales of this valuable early variety, the true stock of which is often difficult to obtain, have been increasing rapidly each year. We import it in very large quantities, and are consequently enabled to make our prices extremely low.

Pkt. oz. ½ lb. lb.

Bermuda Onion Seed, Pale Red, . . . 10 20 60 \$2.00

Bermuda Onion Seed, White, . . . 10 25 70 2.25

Philadelphia Onion Sets

"Philadelphia grown onion sets" are everywhere recog-"Philadelphia grown onion sets" are everywhere recognized as the best. Experienced gardeners insist upon having them, and enormous quantities are supplied annually to dealers and growers in all parts of the country. We grow each season large quantities from our Philadelphia seed, which, being earlier, makes beautiful small, round sets of better quality than that grown in any other section.



We frequently have calls for Red Wethersfield Onion Sets and for sets of Italian Onions. These we cannot supply, as we only grow the varieties listed below. The Red Wethersfield Onion, while producing large bulbs from seed, does not produce good small sets, and the sets of Italian Onions cannot be kept over winter. We grow sets of American Extra Early Pearl and Prize-taker for fall shipments only. We shall be glad to quote special prices by the peck, bushel or barrel (3 bushels), at any time, when requested. PHILADELPHIA YELLOW DUTCH, or STRASBURG ONION SETS, per qt., 15c.; qt., post-paid, 25c. PHILADELPHIA YELLOW DANVERS' ONION SETS, per qt., 15c.; qt., post-paid, 25c. PHILADELPHIA EXTRA EARLY RED ONION SETS, per qt., 15c.; qt., post-paid, 25c. We frequently have calls for Red Wethersfield Onion Sets

SETS, per qt., 15c.; qt., post-paid, 25c.
PHILADELPHIA WHITE, or SILVER SKIN
ONION SETS, per qt., 20c.; qt., post-paid, 30c.
POTATO ONION SETS. A valuable early crop. The

small bulbs increase in size; the parent bulb produces a quantity of small bulbs in a cluster. Qt., 20c.; qt., post-paid, 30c. EGYPTIAN WINTER, or PERENNIAL TREE. ONION. The bottoms divide, making several onions. The young sets grow on top of the stalks. Qt., 20c.; qt., post-paid,

NEW WHITE MULTIPLIER ONION SETS. These are of a pure silvery white color; their most important quality is extreme earliness. Qt., 25c.; qt., post-paid, 35c.



Martynia

Martynia Proboscidea. The best and most productive variety for pickling. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.

Mustard

One ounce will sow about seventy five feet of drill.

SOUTHERN GIANT CURLED. Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants two feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c.

enormous bunches. Pkt., 5c.; oz., 10c.; ½, lb., 20c.; lb., 65c.

NEW CHINESE. Leaves twice the size of the ordinary White Mustard, frequently fifteen inches long, with blades of yellowish-green color, crimpled like that of a Savoy cabbage; stems more succulent than any other mustard; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves may be gathered, and the plants will continue to yield until frost sets in. The leaves of this distinct variety are eaten bolled like spinach. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

White London. For salads. Oz., 5c.; ½ lb., 15c.; lb., 35c.

35c. Black or Brown. Pungent. Oz., 5c.; ½ lb., 15c.; lb.,

Nasturtium—Indian Grass

Tall Yellow. The best for pickling, seed pods or gar-hing. Pkt. 5e.; oz., 15e.; ½ lb., o5e.; lb., \$1,15. **Dwarf Mixed.** Pkt., 5e.; oz., 15e.; ½ lb., 40e.; lb., \$1.40.

OKra-Gombo

One ounce will plant one hundred hills. PERKINS' MAM-MOTH LONG POD-DED. This distinct new okra is by far the best.

It was originated by M.

It was originated by M.
B. Perkins, a wellknown New Jersey
trucker, after many
years of careful sudy
and selection. Its productiveness is simply
wonderful. The pods
shoot out from the stalk
within three inches of

shoot out from the stalk within three inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, nine to ten inches, very slim

unusual length, nine to ten inches, very slim, and do not get hard, as is the case with other okras. Mr. Perkins has always realized \$3.00 to \$4.00 per basket for his okras in Philadelphia markets. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c; oz., 10c.; perkins' mammoth podded.

jack lb., 30c.; bl.s. 31.00, post-paid; lb., 90c.; 5 lbs. and over, 85c. per lb., by express or freight.

LADY FINGER. This is a fine new variety, very productive of very long, slender pods of fine round form, white and smooth. If used in its early state of growth it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; 14. lb., 25c.; lb., 75c.

IMPROVED DWARE CREEN BOOK 15.

b., 25c.; lb., 75c.
IMPROVED DWARF GREEN PROLIFIC, or DEN-

IMPROVED DWARF GREEN PROLIFIC, or DENSITY. A distinct variety, growing about fourteen inches in height. Grown in competition with the ordinary dwarf, it produced twice the number of pods, which are very smooth and beautiful. Pkt, 5c; oz., 10c; ½ lb., 25c; lb., 75c.
WHITE VELVET. This distinct and beautiful new okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Pkt., 5c.; oz., 10c; ½ lb., 20c; lb., 60c.

MAKE NO MISTAKES. Put Your Money in Good Seeds

Do not be influenced by bulky catalogues, extravagant of some great artist. Common sense is said to be the best manure the gardener can use, and it commences in the selection of seed. Use your common sense and don't be influenced by alluring statements which won't bear the test of the carden. the garden.

Parsley

One ounce will sow one hundred and forty feet of drill.



A SINGLE PLANT OF MARKET GARDENERS' BEST PARSLEY.

MARKET GARDENERS' BEST PARSLEY

The best points yet obtained in parsley have certainly been reached in this sort. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green. It stands heat, drought and cold better, and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden." Pkt., 5c; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

CHAMPION MOSS CURLED. Extra dark green. Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c; oz., 10c.; ½ lb., 25c.; lb., 75c.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped; handsome bright green color; very ornamental. Pkt., 5c; oz., 10c.; ½ lb., 25c.; lb., 75c.

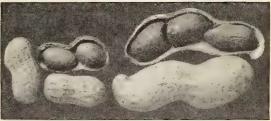
EXTRA DOUBLE CURLED. An old curled variety for garnishing. Pkt., 5c; oz., 10c.; ½ lb., 20c.; lb., 60c.

Plain or Single. Pkt., 5c; oz., 10c.; ½ lb., 20c.; lb., 50c.

Hamburg, or Turnip-Rooted. Fine, fleshy, vegetable roots, for soups, etc. Pkt., 5c; oz., 10c.; ¼ lb., 25c.; lb., 75c. The best points yet obtained in parsley have certainly

Peanut, or Ground Pea

Full directions for planting, growing and harvesting printed on each packet.



SPANISH PEANUT.

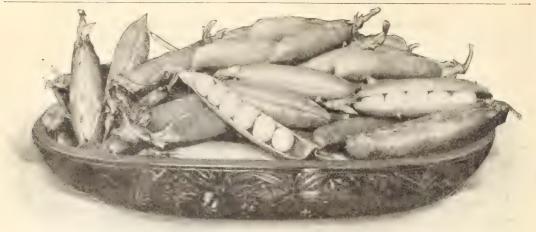
GEORGIA IMPROVED PEANUT.

SPANISH PEANUT. Valuable for the Northern States SPANISH PEANUT. Valuable for the Northern States on account of its great earliness. It is smaller than the ordinary peanut, and can be planted closer in the row. Large pkt., 10c.; pint, 25c.; qt., 45c.

GEORGIA IMPROVED GROUND PEA, or PEA-

NUT. This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size: yields, on ordinary land, over one hundred bushels to the acre. Large pkt., 15c.; pint, 30c.; qt.,





GREGORY'S NEW SURPRISE PEA

THE EARLIEST OF ALL THE DWARF WRINKLED VARIETIES

This new, extra early wrinkled pea is the creation of Mr. Hosford, the originator of the well-known Market Garden Pea, produced by crossing of Alaska, or Earliest of All, with the American Wonder.

Mr. Hosford carefully selected seed from those plants which bore the best-filled pods and the most peas each year for eight years, and obtained, as a final result, a wrinkled pea as early as some of the most noted strains of hard white Extra Earlies, and as heavy a cropper, while it has that peculiar sweetness which belongs to the wrinkled varieties. The Surprise grows about twenty inches high on rich soil, ripens very evenly, and, like most of the very early sorts, it succeeds best when sown rather thickly, with the seed not more than two and a half inches apart. Mr. Hosford has, for three seasons in succession, grown two crops a year on the same ground, the second crop in each case being produced from the seed of the first. On our trial grounds we have found it yielded better than American Wonder or Nott's Excelsior, and was ready for picking fully a week earlier. Gardeners will find it an excellent variety for early or late second planting, as a mildewed vine has never been found. Pkt., 10c.; pint, 35c.; qt., 65c., post-paid; qt., 50c.; peck, \$3.00, by express or freight.

Parsnib

One ounce will sow about two hundred feet of drill; five pounds will sow one acre.



OWN. A greatly improved wonderfully fine strain of true Hollow Crown Parsnip. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter, and more easily gathered. It is a very heavy cropper. The roots diameter, and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained, and of excellent quality. The best variety for the market or home garden. Pkt, 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c., post-paid; lb., 65c.; 5 lbs. and over, 60c. per lb., by express or freight.

Large Sugar, or Long Smooth Hollow Crown. The popular old sort. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

To save money is to make money. See pages on Economic Manuring in our new 128-page illustrated book on "Farm Gardening." Free with orders of \$3.00 and over.

IDEAL HOLLOW CROWN.

Seed Peas-Northern Grown

One quart will plant one hundred feet of drill. One and one-half to two bushels will plant one acre.

LARGE PACKETS OF ANY VARIETY, 5c. EACH.

Please remember to remit for postage 8c. per pint, 15c. per quart, on peas, when ordered to be sent by mail.

Those marked with a (*) are wrinkled varieties.

Johnson & Stokes' NEW RECORD EXTRA EARLY PEA

NOW OFFERED FOR SALE FOR THE FIRST TIME

THE EARLIEST PEA ON RECORD

See illustration and trial ground tests in comparison with

See illustration and trial ground tests in comparison with other extra early varieties on Page 11.

We feel the greatest pride in being able to offer, as the most important of all new introductions for 1893, this brand new strain of Extra Early Peas, which is the result of nine years' careful and intelligent selection and development of our famous Johnson & Stokes' Extra Early Market Garden Peas, of which we have sold annually, for several years past, from 6,000 to 7,000 bushels to the market gardeners of the United States.

Important Advantages of the Record Extra Early

It is three to five days earlier than any other. The most uniform in ripening. A single picking will secure the entire crop.

The vines are much stockier and more vigorous. The heaviest cropper, and contains one to two more peas per pod than any other extra early.

Height of vine, 1½ to 2 feet. Prices for 1898: Pkt., 15c.; pint., 35c.; qt., 60c., po-t-paid; qt., 45c.; peck, \$1.50; bush., \$5.00; bag of 2 bush., \$9.00, by freight or express.

Peas - Extra Early Varieties

Half Pecks at Peck, Half Bushels at Bushel Rates.

GARDEN. Our old standard, which has, for many years, been our most popular sort with market gardeners and truckers. Next to our New Record Extra Early, described on preceding page, excels in extra earliness and productiveness. Pkt., 10c.; pint, 25c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.75; 5 bush. and over, \$3.50 per bush., by freight or express.

bush, by freight or express.

CLEVELAND'S ALASKA. The earliest blue pea, very uniform in growth. The dark green color of the pods makes it desirable, as it can be carried long distances without losing it desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height, two feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peek, 85c.; bush., 83.00.

PHILADELPHIA EXTRA EARLY, FIRST AND BEST, RURAL NEW YORKER, IMPROVED DANIEL O'ROURKE, EXTRA EARLY HANCOCK.

*NOUTE'S EVENTAGE OF THE PROPERTY OF

early white peas similar to each other, and of which we offer carefully grown and selected stocks, fully equal, if not superior, to any ob-tainable. Each, per pkt., 5c.; pint, 15c.; qt., 25c.; peck, 85c.; bush., \$3.00.

*NOTT'S EXCELSIOR. Among the best of recent in-*NOTT'S EXCELSIOR. Among the best of recent introductions in Dwarf Extra Earlies; vines are larger and more vigorous than the American Wonder, while the pods are fully one-third larger, containing six to eight fine, large peas, packed so closely together in the pods the the peas are always more square than round. The pods are always well filled with peas of the very finest flavor; height, one foot. Pltt., 5c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.95; bush., \$4.50, by freight.

*AMERICAN WONDER. This pea is a hybria between the Champion of England and Little Gem, and possesses the merits of both. Grows to the height of ten inches; very robust, producing large, well-filled nods, of fine flavor.

sesses the merits of both. Grows to the height of ten inches; very robust, producing large, well-filled pods, of fine flavor. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1,25; bush., \$4.50.

*McLEAN'S LITTLE GEM. A first early green, wrinkled marrow, very prolific and of superior flavor; height, one foot. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

*PREMIUM GEM. A fine extra early variety; pods long and prolific; height, fifteen inches; fine for foreing. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

Tom Thumb. Very dwarf, not exceeding ten inches in richest soil. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25.

BLUE BEAUTY. The pods are of medium size, well filled. Height, eighteen inches. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

Peas-Second Early, or Medium

*THE ADMIRAL. Vines vigorous, three to four feet high. Pods borne in great abundance; bright green, carrying six to eight closely crowded peas of the very best quality and color. We know of no pea which remains palatable longer after it becomes large enough to use. Dry peas much wrinkled and flattened, medium sized, cream color. It is also admirably adapted to canners' use, owing to its great vigor, productiveness, fine color, quality and suitable size. Pkt., 5c.; pint. 15c.; qt., 25c.; peck, 85c.; bush., \$3.00.

FILLBASKET. This variety is one of the best second early peas in cultivation; a heavy cropper; of excellent flavor; valuable for and very popular with market gardeners; height three and one-half feet. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

*HEROINE. The Heroine is a green wrinkled pea; grows uniformly about two and one-half feet brigh and is literally covered with its long, heavy, pointed pods—in fact, so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. We

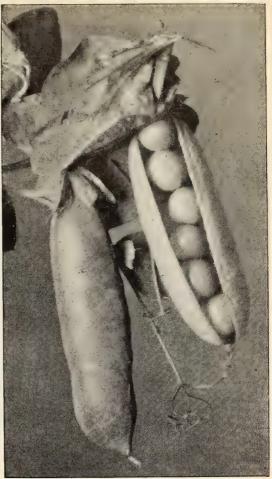
erally covered with its long, heavy, pointed pods—in fact, so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. We have often seen pods with eight to ten peas, and sometimes twelve. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

*SHROPSHIRE HERO. This is a medium early, large wrinkled pea; a robust grower; two feet in height, producing its large pods in abundance. The pods are larger and better filled than Stratagem, Telephone, and others of its class, each containing eight to ten fine, large peas of exquisite flavor. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.00.

*McLEAN'S ADVANCER. A fine market variety, prolific, early, tender and of delicious flavor; height, two and one-half feet. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

*BLISS' ABUNDANCE. Plant about eighteen inches high; foliage large, thick, full and dark green. Pods three to three and one-half inches long, roundish and well filled, containing six to eight large wrinkled peas of excellent quality. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.50.

*HORSFORD'S MARKET GARDEN. This new wrinkled pea is the result of a cross between the Alpha and American Wonder. It requires no brushing, is extremely prolific, and bears its pods in pairs; height, two feet. Pkt., 5c.; pint, 15c.; qt., 25e.; peck, \$1.00; bush., \$3.50.



JOHNSON & STOKES' SECOND EARLY MARKET GARDEN PEA.

Johnson & Stokes' Second Early Market Garden Pea

The Best Second Early Wrinkled Variety

This pea is the product of our Canadian farm, and is the best and most productive Second Early Pea on the market. Its fine, medium-sized, well-filled pods are ready for picking eight to ten days after our Extra Early. The peas are larger and more wrinkled, when dry, than that variety, while in delicious flavor they are unsurpassed. It is also a prodigious bearer, having averaged as much as seventy pods to the vine with ordinary field culture, and will produce more pods to the acre than any other pea in cultivation. The vines grow very uniformly to a height of two feet, and ripen up so evenly that the whole crop can be cleared off generally in one picking, and never more than two pickings. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.15; bush., \$4.25; 5 bush. and over, \$4.00 per bush., by freight or express. This pea is the product of our Canadian farm, and is the

***Sutton's Satisfaction Pea**

This new variety is one of the most tender and delicious in flavor of almost any pea grown. It was introduced by us six years ago, and surpasses in popularity even the famous Telephone and Stratagem varieties. The vine grows vigorously to a height of about two and one-half feet, requiring no brush or sticks to hold them up, being very stocky and robust and literally filled with good showy pods, borne double. They follow closely our best early sorts. The peas when green are unusually large and of fine deep green color. When dry, are very distinct in appearance, being much more wrinkled than any other sort. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.50; bush., \$5.50, by freight or express.



Peas-Varieties for General Crop



CROWN PRINCE PEA, PODS NATURAL SIZE.

New English Pea—*Crown Prince

We first introduced The Crown Prince to the American public in 1896, our original seed being imported from one of the most famous pea hybridizers of England. It grows to a height of eighteen inches, with large, broad pods, containing from seven to nine large peas of the finest flavor, completely from seven to nine large peas of the finest flavor, completely eclipsing the Telephone and others of its class in both quality and productiveness, producing darker and stronger foliage, and blossoming mainly on the top or crown. It is unquestionably one of the most valuable of all the medium late sorts. No pea we have ever sent out has been so highly commended by our customers. A prominent pea grower, who grew this variety the past season, pronounces it "the most distinct and valuable of all the recent introductions in peas." Another writes: "The best pea I have ever grown." Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.50; bush., \$5.50, by freight or express.

* Duke of Albany Pea

This new pea is superior to Telephone. Vines about four feet high, but little branched, having stout stems and coarse, light green foliage. Pods large, straight, thick, and, when fit to pick, very dark green, and borne in great profusion. Green peas large, dark green; when ripe, large, much wrinkled, light green. It ripens intermediate and furnishes all its pods well together, making it particularly well adapted to magical conductors and the second conductors and the second conductors are superior to the second conductors. to market gardeners' use. peck, \$1.25; bush., \$4.50. Pkt., 5c.; pint, 15c.; qt., 30c.;

* Improved Stratagem Pea

The Improved Stratagem is vastly superior to the old The Improved Stratagem is vastly superior to the old stock of Stratagem, which has been so wanting in uniformity and evenness of type as to disgust gardeners. The pods are of immense size and uniformly filled with very lurge dark green peas of the finest quality. Vine medium height, but very stocky, with very broad, light-green leaves, and bearing an abundance of large, handsome pods. One of the very best varieties for general crop and invaluable to market and private gardeners alike. Pkt., 10c.; pint., 25c.; qt., 45c., post-paid; qt, 30c.; peck, \$1.50; bush., \$5.50, by freight or express.

++++++++++++++++++++++++++++++++ MARKET GARDENERS, INSTITUTIONS, FARMERS' CLUBS, ETC.

who purchase Peas and other Seeds in large quantities will please write for special prices

LONG ISLAND MAMMOTH, or TELEGRAPH. LONG ISLAND MAMMOTH, or TELEGRAPH. A favorite with Long Island gardeners, where it was originally introduced. It has also become very popular with New Jersey truckers. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality. Seed green; height, three and one-half feet. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush.,

\$4.50.

*SHARP'S QUEEN. A grand pea from England. Two to two and one-half feet in height. The pods are very large, slightly curved, produced mostly in pairs, and all over the vine from bottom to top. The peas are large, oval, deep green and of a delicious flavor when cooked. The vines are

slightly curved, produced mostly in pairs, and all over the vine from bottom to top. The peas are large, oval, deep green and of a delicious flavor when cooked. The vines are very sturdy and of branching habit. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.35; bush., \$5.00.

*BLISS' EVERBEARING. This new pea is a cross between the Little Gem and the Champion of England; height, two feet; foliage large, firm and bright green; pods three to four inches long, each pod producing from six to eight large wrinkled peas; its habit of growth is of peculiar branching character, forming as many as ten stalks from one root stalk. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

PRIDE OF THE MARKET. One of the most popular of market peas. It bears very large pods filled with fine, large peas of superb quality. Height, one and one-half feet. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.75.

*CARTER'S TELEPHONE (Extra Selected). A very robust and productive English wrinkled variety, with long pods, containing ten to twelve very large, fine-flavored peas. It is an enormous cropper; height, four and one-half feet. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.75.

*CHAMPION OF ENGLAND. A popular wrinkled variety, of delicious flavor; a profuse bearer; height, five feet. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, 90c.; bush., \$3.25.

*YORKSHIRE HERO. A large, wrinkled, luscious and prolific variety; pods long, round and closely filled; for late crop it has few equals; height, three feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, 90c.; bush., \$3.00.

DWARF BLUE IMPERIAL. A favorite with market gardeners; a good bearer; height, two and one-half feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, 85c.; bush., \$3.00.

FRENCH CANNER. A variety imported a few years since from France. It is largely grown for canning purposes, both there and in this country. It possesses the quality of not blackening under processing, a very important feature to canners. Pint, 10c.; qt., 15c.; peck, 65c.; bush., \$2.25.

ROYAL DWARF WHITE MARR

\$2.25

IMPROVED SUGAR MARROW. Entirely distinct from the old White Marrowfat and far more desirable in every way. Pods much longer and of most beautiful shape; well filled with peas of the true Marrow flavor, while the smaller size makes them far more desirable for canning, and smaller size makes them far more desirable for canning, and a far better cropper. Height, three and one-half feet; seed small, white, slightly pitted or dented. A most desirable and valuable addition. Pkt., 5c.; pint, 10c.; qt., 15c.; peck, 65c.; bush., \$2.25.

Large White Marrowfat. A favorite late variety, with broad, well-filled pods; height, three feet. Qt., 15c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.85 per bush.

Black-Eyed Marrowfat. This, as well as the White Marrowfat, is extensively grown as a field pea: hardy, productive; well-filled pods; height, three feet. Pint, 10c.; qt., 15c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.85 per bush.

DIBLE PODDED OR SUGAR PEAS

MELTING SUGAR. This is the best of all of the edible MELTING SUGAR. This is the best of all of the edible podded or sugar peas, with the exception of the New Mammoth Podded Prolific Sugar, described on next page. The pods are very large and entirely free from membranous ling and strings, combining sweet flavor and brittleness to a remarkable extent. They should not be shelled, but peas and pods eaten together, cooked in much the same manner as string or snap beans. They make a dish for the table that will delight the most fastidious epicure. They grow to a height of five to six feet, and bear enormously of their mammoth pods; six to seven inches long, and frequently one and one-half inches broad. Pkt., 5c.; pint, 20c.; qt., 35c.; peck. \$1.75. by express.

peck, \$1.75, by express.

Tall Gray Sugar. The old-fashioned sort; edible pods, of fine flavor; can also be used as a shelled variety. Pkt., 5c.; pint, 15c.; qt., 30c.

Since our intro-duction of this fine, new semi-wrinkled green pea, a few years since, the de-mand from market gardeners has been so great that we have sold out before the season was half over. In anti-cipation of a still greater demand, doubled our acreage this season and hope to be able to supply all late demands. The vines grow about two feet high and bear enormous handsome pods, as

nandsome pods, as shown in photo-graph alongside, frequently seven to eight inches in length. The pods are completely filled with large, deliciously-fla-vored decourses.

vored, deep-green peas. They require no support, owing to their dwarf, stocky habit. Ow-ing to the immense size of pods and peas, we know of no pea from which so large a bulk of produce can be ob-

tained from a given number of vines. It is much hardier than either the Tel-

ephone, Stratagem or any other large-

or any other large-podded sort, and can be planted much earlier. It matures three to five days later and

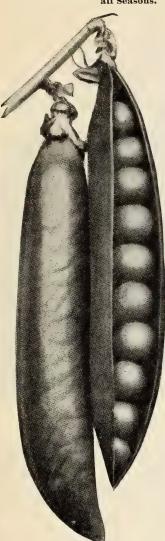
five days later than our famous Second Early Market Garden, making a valuable second early as well as the finest late pea. Pltt, 10c; pint, 30c; qt., 45c; post-paid; qt, 40c; 2 qts., 75c; peck, \$2.00; bush., \$7.00, by freight or express.

Canada Field

express

New Giant Podded Marrow

The Hardiest Large Podded Pea. Can be Used at all Seasons.



Peas. Used as feed for pigeons. Qt., 10c.; bush., \$1.25. GIANT PODDED MARROW. New Mammoth Podded Prolific Sugar Pea

A new and superior edible podded or "snap" pea, and the bestyet. It excels, by far, any other edible podded pea heretofore introduced. In all of our experience we have never seen anything in the line of sugar peas that would equal this variety in productiveness and quality. The pods are larger, broader and more melting than the Melting Sugar, and it is equally as early. The peas are drab-colored when ripe, extra large and wrinkled. The pods are very fleshy and equal to the best snap beans for cooking pod and all. The vines average about thirty-six inches high; when grown without trellis or brushing they are strong and rank. One of the largest and most experienced growers of seed pea-, who grew it the past season, writes as follows: "I believe this to be an improvement over the Melting Sugar Pea, because of its great productiveness, as well as its fine quality and superior size. The fact that it is a bountiful producer ought to bring it rapidly in general favor, especially as an improvement in the yielding qualities is not at the expense of eating quality."

Having tested this new nea earafully on our trial ground.

Having tested this new pea carefully on our trial grounds, we recommend all our customers to give it a trial. Pkt., 10c.; pint, 40e.; qt., 75e.

Pepper

One ounce will sow one hundred yards of row.



A SINGLE PLANT OF RUBY KING PEPPER.

RUBY KING. This fine pepper grows to double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through, of a bright red. They are remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The best red pepper. Pkt., 10c.; oz., 25c.; ½ lb., 70c.; lb., \$2.25.

MAMMOTH GOLDEN QUEEN. Originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. It grows fully as large as Ruby King and to twice the size of Golden Dawn, of the most perfect shape and uniform large size. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. In color they are bright, waxy, golden yellow, and so mild in flavor they can be eaten like tomatoes, with pepper and vinegar. They sell in market at double the prices of other sorts, and are exceedingly valuable for stuffing as mangoes. This pepper, which we first introduced, has been recently offered as a novelty under the name of Golden King. Pkt., 10c.; oz., 30c.; ½ lb., 75c.; lb., \$2.75.

BIRD'S EYE, or CREOLE. This is the smallest of

BIRD'S EYE, or CREOLE. This is the smallest of all peppers, being about the size of a Marrowfat Pea. It is very hot and is used in the manufacture of the celebrated Tabasco Sauce. Pkt., 10c.; oz., 40c.; ½ lb., \$1.25.

RED CLUSTER. This new pepper is a sport of the Chili, which it slightly resembles. The leaves and fruits are smaller, while it is much more productive, the fruits being curiously crowded together. The peppers are very hot, long and very thin in shape, and of conspicuous coral red color. Pkt., 10c.; oz., 30c.; ¼ 1b., 75c.; lb., \$2.75.

Well-Known Peppers

PACKETS, 10 CENTS EACH

	Oz.	1/4 lb.	lb.
Bell, or Bull Nose. Large, mild,	\$ 0 25	\$0.70	\$ 2 25
Cardinal. Long, sweet, thick flesh,	25	70	2 25
Long Red Cayenne. True, hot,	25	70	2 25
True Red Chili. Small, very hot,	25	75	2 50
Dwarf Early Red Squash. Mild,	25	75	2 50
Golden Dawn. Yellow and sweet,	25	70	2 25
Celestial. Small, searlet when ripe, .	25	70	2 25
Ox-Heart. Small, heart-shaped,	30	75	2 75
Cherry Red. Small, for pickles	25	75	2 50



* Selected Seed Potatoes a Specialty * *

The Houlton or Aroostook County, Maine, Seed Potatoes are universally acknowledged to be the very best. Grown in the cold Northeast, where nature and the elements alike decline existence to all but the very hardiest varieties, they inherit those stable qualities which make incontestable their position as leaders in the seed potato world. We make a specialty of, and handle this seed solely. Pure and true to name. Owing to the short crops the past season, the prices rule somewhat higher than Western and New York stocks; but, when quality and real worth are considered, they will be found by far the cheapest and most remunerative to growers. We pack all our potatoes in the full size round-hoop flour barrel, which is packed solid full and double headed, thereby being made to hold about three bushels, and make no charge for barrels or cartage.



PHOTOGRAPH OF A FIELD OF OUR NEW EXTRA EARLY PRIDE OF THE SOUTH POTATO, GROWN AT HOULTON, MAINE.

PLEASE NOTICE .- As prices are subject to fluctuation, we would request that our customers send in their orders as soon as possible after receiving our Manual. All orders will soon as possible after receiving our Manual. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over in March or sorth. April, which will be in a wall time West had better wait until the extreme freezing weather is over, in March or early April, which will be in ample time for planting. To freeze potatoes, when packed in tight barrels, requires extremely cold weather. We ship each season several thousand barrels sed potatoes to nearly all sections, North, East and West, and rarely receive a complaint of freezing. We will quote special prices on five and ten barrels of one variety.

POTATOES BY MAIL. All potatoes, except where otherwise noted, will be sent by mail, postage prepaid, at 30c. per pound; 4 pounds for \$1.00, carefully labelled and packed.

The Crown Jewel Extra
The Crown Jewel Early
The Crown Jewel is a seedling of the Early
The Crown Jewel is a seedling of the Early Ohio, and
it partakes of all the pure and unadulterated qualities of its
excellent parent, without any admixture of baser blood. Its
skin is white and smooth, eyes shallow but strong, flesh pure
white and floury, cooking evenly throughout. The vines
grow vigorously, the roots extend very deeply into the soil,
thus resisting drought, and its keeping qualities are equal to
the best. Its extreme earliness makes it the most
profitable potato for both the market and home garden. Peck, 70c.; bush., \$2.00; bbl., \$4.25; 5 bbls. and over,
\$1.00 per bbl.

Bliss' Triumph, or Improved Bermuda

This beautiful variety combines the wonderful product-This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, rounc and uniform in shape, with but a very ew small ones; eyes slightly depressed; color a beautiful ight red. Its great beauty, productiveness and fine quality make it one of the best extra early market varieties, especially for the South. Peek, 65c.; bush., \$1.75; bbl., \$4.00.

Pride of the South Extra

This is a white sport of the Bliss' Triumph, first found a few years ago in a large field of that popular variety. In ripening, the vines die down all at once, thus giving the blight, which works down into the potatoes through the vine, no chance to work. It is a quick, strong and vigorous grower, and in cooking qualities very superior. Prominent planters in the Southern States agree in pronouncing it very productive, and the most profitable notate they have every pranters in the Southern States agree in pronouncing it very productive and the most profitable potato they have ever grown, bringing from 50 cents to \$1.00 per barrel above the price of Red Bliss' Triumph, on account of its beautiful white skin and handsome shape. Peck, 70c.; bush., \$2.00; bbl., \$4.50; 5 bbls. and over, \$4.25 per bbl.

The Penn Manor Extra

This variety was originated from a seed-ball of the Early Rose by one of the largest growers of that historic country, a few miles north of Philadelphia, known as Penn's Manor. It has been critically tested and planted by some of the most extensive potato growers, who all agree in saying they have extensive potato growers, who all agree in saying they have never found a hardier or more productive variety, doubling the Early Rose in yield. It is fuller at the ends, and has a skin in color a lighter pink than Early Rose, ripening a few days earlier, and with heavier foliage, which withstands the beetle to a remarkable extent. It also withstands severe drought better than any early variety we have ever grown. A variety destined to supersede Early Rose. Peck, 70c.; bush., \$2.00; bbl., \$4.25; 5 bbls. and over, \$4.00 per barrel.

The Freeman Potato Extra

This new extra early variety has made a wonderful record, giving enormous yields, of round shape and beautiful russet skin, being fully equal to the old Snowflake in eating qualities. We find the Freeman much better adapted to rich, black, moist loam rather than high sandy soils. Our crop is grown from seed from the introducer, and guaranteed genuine. Peck, 65c.; bush., \$1.75; bbl., \$4.00.





New Potato-The Early Thoroughbred

We think so highly of this new potato that we paid the originator \$25.00 per barrel for our seed stock, and, after giving it two years' thorough trial, we are more than ever convinced of its great value. It combines more good qualities than any early potato introduced since the Early Rose. It is earlier than the Early Rose and has outyielded all early varieties we have ever grown. The tubers are oblong, as shown in photograph above, very smooth and uniform, of light pinkish color, and simply perfect in table qualities. Peck, 70c.; bush., \$2.00; bbl., \$4.50. Special prices by letter on 5 bbls. and over.

Carman, No. 1

A New Medium or Intermediate Potato.
Originated by the celebrated editor of the Rural New Yorker, who produced the "Rural New Yorker No. 2." It is a seedling from other seedlings raised through several generations, always retaining those with best qualities. It is medium in season, shaped like the Rural No. 2, and has very few shallow eyes. The flesh is unusually white and the quality perfect. It is considered by many of the best potato growers in the country the most promising second early variety recent; introduced. Peck, 70c.; bush., \$2.00; bbl., \$4.25; 5 bbls. and over, \$4.00 per barrel.

Table King Potato

THE TABLE KING is a new seedling originated in Washington County, the banner potato county of New York State. Tested the past season in different States by some of our largest potato growers, it has outyielded all other potatoes nearly two to one, and is destined to become the best and most popular all-around potato on the market. The skin is a light russet color, with few and shallow eyes. The flesh is snow-white, remarkably dry, smooth and floury when either baked or boiled. Their flavor as a table potato is not exceeded by any variety that grows. The vines are nusually strong and healthy. The tubers lie compact in the hill, ripen medium early, and are entirely free from scab, rot or disease of any kind. Peck, 70c.; bush, \$2.00; bbl., \$4.50.

The Great Divide

New Main Crop Potato
A new late potato. In our tests we find it a wonderfully heavy cropper and unusually free from disease. The vines are stout, erect and vigorous. Tubers oblong, white and of fairly good quality. Peck, 65c.; bush., \$1.75; bbl., \$3.75.

The Irish Daisy

New Late Potato

This new late Potato is a seedling of Empire State. It grows uniformly to good size, with shallow eyes, skin bright straw color, flesh pure white and enormously productive. The vines are very stocky and vigorous, dark green; withstand drought remarkably, and are absolutely blight-proof. Peck, 65c.; bush., \$1.75; bbl., \$3.75.

Well-Known Standard Sorts

RURAL NEW YORKER, No. 2. Fine for main crop.
Peck, 65c.; bush., \$1.75; bbl., \$3.75.
QUEEN. Early. Peck, 65c.; bush., \$1.75; bbl., \$3.75.
EARLY PURITAN. Peck, 65c.; bush., \$1.75; bbl., \$3.75.
MAINE, or HOULTON EARLY ROSE. Pure and
fine. Peck, 65c.; bush., \$1.75; bbl., \$3.75.
EARLY SUNRISE. Peck, 65c.; bush., \$1.75; bbl., \$3.75.
EARLY OHIO. Peck, 65c.; bush., \$1.75; bbl., \$3.85.
EARLY BEAUTY OF HEBRON. Peck, 65c.; bush., \$1.75; bbl., \$3.85.

\$1.75; bbl., \$3.75. LATE PURITAN. Peck, 65c.; bush., \$1.75; bbl., \$3.75. MAMMOTH PEARL. Peck, 65c.; bush., \$1.75; bbl.,

**S.60.

EMPIRE STATE. Peck, 65c.; bush., \$1.75; bbl., \$3.76.

WHITE STAR. Peck, 60c.; bush., \$1.75; bbl., \$3.50.

WHITE ELEPHANT, or LATE BEAUTY OF

HEBRON. Peck, 65c.; bush., \$1.75; bbl., \$3.75.

BURBANK'S SEEDLING. Peck, 60c.; bush., \$1.75;

bbl., \$3.50. PEERLESS. Peck, 60c.; bush., \$1.75; bbl., \$3.50.

Potato Eyes of the New Varieties by Mail

For \$1.00 we will send, all postage paid, 50 good strong eyes of either Early Thorough bred, Pride of the South, Table King, Penn Manor or Carman No. 1 Potatoes, or for \$3.00, 250 eyes, 50 of each variety, separate and carefully labelled and packed in damp moss. These eyes will produce as good crops as if the whole tubers were planted, and enable customers residing at long distances to get these valuable new varieties at a trifling expense.

Potato Seed

MIXED. From the best hybridizers. Per pkt., 25c.



New Jersey Grown Seed Sweet Potatoes

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown Sweet Potatoes are everywhere acknowledged to be the best in quality. being much dryer and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condi ion after long journeys of several hundred miles, and wish it distinctly understood that customers take ALL RISKS after we deliver in good condition to the express or railroad company here. We do not ship until about planting time, unless specially ordered to do so. Our barrels contain three bushels-good measure.

CULTURE

Full and concise directions for bedding and sprouting the seed and setting out Sweet Potato Plants will be found in our new illustrated book, "Farm Gardening," which is sent free with all orders for vegetable and flower seeds amounting to \$3.00 and over.

A New Variety that will Revolutionize Sweet Potato Culture

New Hardy Bush or Vineless Sweet Potato

This wonderful variety is as easily grown as the White or Irish Potato, attaining marketable size in 60 days, and yielding from 400 to 600 bushels per acre. This great novelty will, when thoroughly introduced, revolutionize sweet potato growing. It has no vines whatever, simply a bush like a white potato, as shown in our photograph. This bush gradually falls over and covers the hill; leaves distinct and dark green. In shape the potatoes are like the famous Jersey Sweets which everyone knows. The ends are probably a little more blunt, a little thicker in the middle, and have a handsome and very salable appearance; meat and skin of dark, rich yellow, very dry and sweet; said to contain twenty per cent. more sugar than other varieties; very easy to keep, to cultivate and to harvest, and will grow in any soil and climate. Owing to their bushy growth they do best set pretty close, and as they set an immense lot of tubers they will yield, in good soil, from 400 to 600 bushels per acre-more than double the vield of the vine or running sorts. In an average season they will mature in 100 days, although they attain marketable size in 60 days, and keep almost as easy as Irish potatoes. Bed and sprout same as other varieties.

What Prominent Sweet Potato Growers Write of It

"They will be the main crop potato as soon as their merits are known. As easily grown as the Irish potato, and more productive."—L. H. Mahan, of Indiana.

"They are unexcelled in size, quality, productiveness and earliness—the greatest of vegetable novelties."—Martin Benson, of Illinois.

"They are good enough for me. I had 366 large baskets on a piece of land 72 feet wide by 600 feet long, 29 rows, 326 plants to the row. I want nothing better."—John Maytrott, of New Jersey.

of New Jersey.

Prices: per lb., 40c; 3 lbs., \$1.00, by mail, postage paid; peck, \$1.00; bush., \$3.00; bbl., \$7.00, by express. Plants ready after May 1st, \$1.50 per 100, post-paid; \$1.25 per 100, \$6.00 per 1000, by express

EXTRA EARLY CAROLINA, JERSEY
"UP RIVERS" AND EARLY NANSEMOND.

The justly celebrated Philadelphia sweet potatoes, universally grown for Philadelphia and New York markets. Each, per peck, 75c.; bush., \$2.00; bbl.,

Plants of the above, ready May 1st, 60c. per 100, by mail, post-paid; 40c. per 100; \$2.50 per 1000, by express.

quantities. Write us before you buy.



We will make special prices for larger PHOTO OF PLANT OF NEW HARDY BUSH OR VINELESS SWEET POTATO, SHOWING ITS HANDSOME SHAPE AND WONDERFUL PRODUCTIVENESS.



PUMPKINS



Our field of King of the Mammoths growing for seed, show ing their wonderful productiveness

One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.

MAMMOTH GOLDEN CASHAW. A new introduc-

tion for 1898. The best yet. See Novelties, page 12. Pkt., 10c; oz., 20c; ½ lb., 50c; lb., \$1.75.

CASHAW, or CROOKNECK. Very popular; splendid for table use or feeding stock; skin light, flesh yellow, solid and sweet. Pkt., 5c; oz., 10c; ½ lb., 20c; lb., 50c.

GREEN STRIPED, or IMPROVED CASHAW.
This is a great improvement on the well-known Cashaw.
They are much more beautiful in appearance, being a distinct
mottled green and white striped. The flesh is a rich yellow
color, solid, fine grained, very thick, sweet and excellent for
pies, and equally good for baking. They are very hardy,
bugs seldom bother them, and yield a much heavier crop
than most other sorts. Pkt., 5c.; oz., 10c; ½ lb., 25c.; lb., 70c.

JONATHAN, or LARGE WHITE CASHAW. This

JONATHAN, or LARGE WHITE CASHAW. This new pumpkin grows larger than the old Cashaw, with creamy white skin. It is a good keeper, very prolific, smooth, even and thick fleshed; very sweet and fine for pies or feeding stock. Pitc., 5c.; oz., 10c.; ½ 1b., 20c.; lb., 60c.

NEW JAPANESE PIE PUMPKIN. This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is very thick, of a rich salmon color, and nearly solid, the seed cavity being very small. Unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes, making pies as rich without eggs as other varieties do with them. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

QUAKER PIE PUMPKIN. A distinct variety from New York State, where it has been grown for many years by a family of Quakers or Friends. The shape is nearly oval, tapering slightly towards the ends. Color, creamy white, both inside and out; flesh is sweet and rich, and an excellent keeper. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.



LARGE CHEESE, OR KENTUCKY FIELD PUMPKIN.

LARGE SWEET CHEESE, or KENTUCKY FIELD.

LARGESWEET CHEESE, or KENTUCKY FIELD. A most popular variety. Fruit flattened, as shown in above photograph; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender and of excellent quality; a most productive variety. Pkt., 5c.; oz., 10c; ½ lb., 20c; lb., 60c.

CALHOUN. This new pumpkin has been thoroughly tested in all sections of the country, and is pronounced by all one of the best for pies. Shape nearly round, but somewhat flattened on the ends; skin creamy brown; flesh inside of a deep salmon yellow, very thick, fine grained and of most excellent quality. Lovers of fine pumpkins should try the Calhoun. Pkt, 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

SMALL SUGAR. A very handsome little pumpkin, with deep orange-colored skin, and flesh of unusually fine sugary flavor; fine grained, very productive and keeps well. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

NANTUCKET SUGAR, or NEGRO. This pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated Vankee Pumpkin Pies.

is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated Yankee Pumpkin Pies. The skin is very dark green, almost black, flesh thick and of a rich orange vellow. They weigh from twelve to fifteen pounds and will keep for a year. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 70c.

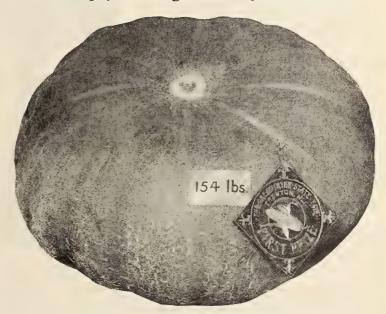
GOLDEN MARROW. A splendid pie pumpkin. They are slightly ribbed; the skin is of a deep orange color; the flesh fine and of excellent flavor. Cook soft and tender, and are excellent keepers. The vines are very productive and hardy. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

The Great Prize Pumpkin—King of the Mammoths

This truly colossal variety first came to our attention some years ago, while visiting France, where we secured seed, and distributed it among our customers. The results have been astonishing. No other pumptic against No other pumpkin ever introduced has reached such enormous weights, and been awarded as many prizes. In competition for our cash prizes in past seasons, hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each, the heaviest ever grown being two hundred and forty pounds. It frequently attains a diameter of over four feet. With one of these pump-kins you would be sure of a

first prize at your county fair. The flesh and skin of a bright The flesh and skin of a bright golden yellow color, very fine grained, of excellen it quality, and notwithstanding its enormous size, is one of the very best pie or table pumpkins ever grown, and a splendid keeper.
PRICES FOR 1898: Seeds

PRICES FOR 1898; Seeds saved from specimens selected from our patch weighing one hundred pounds and over. Pkt., 15c., 4 pkts., 50c. Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.



KING OF THE MAMMOTHS PUMPKIN. Awarded First Prize at the Great Interstate Fair. From this 154-lb. pumpkin 300 pies were made, which, cut in quarters, fed 1,200 persons.





NEW WINTER LUXURY PUMPKIN

This pumpkin, named and introduced by us five years since, is the result of six years' careful selection and improvement by a veteran pumpkin grower, and is pronounced by hundreds of our customers the very best pumpkin for pies that they have ever known. It grows uniformly to a diameter of ten to twelve inches, and is enormously productive. In color it is a beautiful golden yellow, very finely and closely netted, like a netted muskmelen, as shown in photograph above. As a winter keeper and cooking variety it stunds unequalled. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

TRUE TENNESSEE SWEET POTATO. One of the very best pie pumpkins. They grow pear-shaped, to good size, slightly ribbed; skin is a creamy white, flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring. When cooked, resemble sweet potatoes, but more delicious. The vines are hardy and enormously productive. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

GOLDEN OBLONG. A very fine new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are almost equal to winter squashes. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

Common Yellow Field. Very productive, and grown for feeding stock. Pkt., 5c.; oz., 10c.; lb., 25c.; 10 lbs., \$2.00.

MAMMOTH FOREIGN PUMPKINS

MAMMOTH ETAMPES BRIGHT RED. This giant variety, from France, is quite celebrated, and has been grown in this country to enormous size. It is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Pkt., 10c.; oz., 20c.; ½ lb., 40c.; lb., 81.25.

GRAY BOULOGNE. Grows to very large, round size, slightly flattened on the ends; skin of a grayish green color; growing to a weight of sixty to seventy-five pounds with ordinary culture, and with special culture will reach enormous size. Pkt., 10c.; oz., 20c.; ½ lb. 40c.; lb., 81.25.

MAMMOTH TOURS, or CITROUILLE. A French variety, which is used largely for cattle feeding; it grows to an immense size, often weighing over one hundred pounds. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 70c. MAMMOTH ETAMPES BRIGHT RED. This giant

A SPECIAL COLLECTION OF MAMMOTH **PUMPKINS FOR 25 CENTS**

As an extra inducement for customers to give all our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Gray Boulogne and Mammoth Tours, giving a magnificent collection of Mammoth pumpkins, for 25 cents.

THIS YEAR We are delivering to any post office in the United States, 5 pounds of the very best ONION SEED in America for only \$3.00. See page 42.

Radish-Earliest Varieties

One ounce will sow one hundred feet of drill; nine pounds will sow one acre in drills.



SCARLET, or CARDINAL GLOBE. For forcing in greenhouse hot beds, or cold-frames, and for sowing on open borders early in the spring, there is no other red variety that will pay better, as, on account of its very attractive color

open borders early in the spring, there is no other red variety that will pay better, as, on account of its very attractive color and shape (as shown in the above photograph), it sells better than most other varieties. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

ROSY GEM, or RAPID FORCING (White Tipped Scarlet Ball). Since we first introduced this wonderful new radish it has won golden oninions in all sections of the country. It is one of the very earliest in cultivation, being a week earlier than Scarlet Turnip White Tipped, which it somewhat resembles in form and color. Its shape is perfectly globular, with rich deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, never becoming hollow or pithy. It is fit to pull in three weeks from sowing. Pkt., 5c; oz., 10c; ½ lb., 30c; lo., 90c.

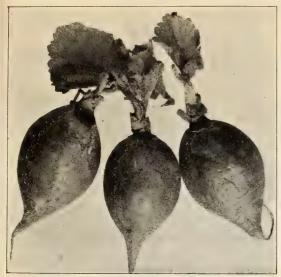
OLIVE-SHAPED GOLDEN YELLOW. This is the earliest and best yellow radish, equally well adapted as an early forcing or summer radish. It is of very rapid growth and fine quality; flesh white, tender, crisp and brittle; very small top. Pkt., 5c; oz., 10c; ½ lb., 25c.; lb., 75c.



FELTON'S MODEL WHITE BOX RADISH.

FELTON'S MODEL WHITE BOX. The Felton's Model possesses all the excellent qualities of the popular Philadelphia White Box, but is superior in many other respects, being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, under glass, in boxes, or open ground. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; 5 lbs., \$3.00, by express.





JOHNSON & STOKES' OLIVE SCARLET FORCING RADISH.

JOHNSON & STOKES' OLIVE SCARLET

A decided improvement on the ordinary deep scarlet, olive-shaped radish, selected and perfected by a Philadelphia market grower. The tops are so small that the radishes may almost stand touching each other in the rows. Its fine shape, as shown in photograph above, is not its only superior quality, but it is the handsomest in color of all deep red sorts, selling better than any other early sort in Philadelphia markets. This is one of our new varieties, which tends to make our vegetables all so popular with gardeners everywhere. Pkt., 5c.; oz., 10c.; ½ 1b., 30c.; lb., \$1.00.

CINCINNATI MARKET RADISH

This new extra early variety of the long scarlet type has been selected for thirty years. Color a clear bright red, smooth and transparent. The tops are very small. It grows perfectly straight and smooth, and from six to seven inches in length. Pict., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

PHILADELPHIA GARDENERS' LONG SCARLET. This very excellent new strain is now more largely planted than any other long radish. It is a great improvement over the old Long Scarlet, being fully six days earlier, has a shorter and more compact top, will remain longer without becoming pithy, and in shape is shorter and thicker. In color the upper portion is of an unusually deep brilliant red, which gradually shades to a deep waxy pink toward the tip. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

LONG BRIGHTEST SCARLET, WHITE TIPPED (Long Cardinal). This new French variety makes roots fit for use in about twenty-five days, when planted out-doors; has a small top and no neck or tendency to neckiness; exceedingly bright scarlet, having a white tip. Pkt., 5c.; oz, 10c.; ¼ lb., 20c.; lb., 65c.



NEW WHITE CHARTIER RADISH

This new variety is a white form of the well-known Chartier Radish, originated in Southern New Jersey. It matures in about six weeks from time of sowing, and remains fit for use two to three weeks afterward. Tops short, fle-h mild, crisp and fine for slicing. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; ½, lb., 30c.; lb., \$1.00.

LADY FINGER, or LONG WHITE VIENNA. This is one of the handsomest and best Long White Radishes. Of very rapid growth and remarkably crisp, brittle and tender, desirable for the market or home garden. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 55c.

varieties, desirable for the market of home garden. The, oc., oc., 10c.; ½ lb., 25c.; lb., 55c.

NEWCOM. Earliest, handsomest and largest half-long white radish. They hold their fine eating condition four or five weeks after being fit to pull, stand heat and cold to a remarkable extent; small top. Valuable also as a summer radish. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.; 5 lbs., \$3.00.

Well-Known Early and Summer RADISHES Per oz. 1/4 lb. Per lb. Large packets of any variety, 5 cents each Extra Early Scarlet Turnip. Very early, small, round (5 lbs., by express, \$1.75), \$0 10 \$0 20 \$0 50 Earliest Round Dark Red (Scarlet Button). Very handsome, crisp and tender, Fireball Radish. One of the finest round, red forcing varieties, . Large White Summer Turnip, or Globe. Very popular (5 lbs., \$2.00, by express),

Radish-Best Summer Varieties



NEW WHITE STRASBURG SUMMER RADISH.

WHITE STRASBURG. This variety is now the most WHITE STRASBURG. This variety is now the most popular summer radish grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. There is much cheap and spurious seed being offered. Procure your stock direct from the introducers, and have it reliable. Pkt., 5c.; oz., 10c.; ½ [b., 20c.;]b., 55c.

oz., 10c.: ¼ lb., 20c.; lb., 55c.
IMPROVED LARGE YELLOW SUMMER TURNIP. This fine summer radish is the result of hybridizing and many years' selection by an experienced Philadelphia market gardener. The neck is much smaller, leaves finer, flesh whiter, and of much better shape than the old Yellow Summer; always commands a readier sale at a higher figure and withstands the summer heat better. Market and private gardeners will find it a most valuable acquisition. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Radish—Winter Varieties

CHINA ROSE WINTER. One of the best winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.; ½ |b., 25c.; |b., 7.c. ROUND BLACK SPANISH. A fine globe-shaped radish, very popular with the Germans, known as Rettig; good quality. Pkt., 5c.; oz., 10c.; ½ |b., 20c.; |b., 65c. Long Black Spanish. A large winter variety; one of the hardiest, with dark green leaves, firm in texture; keeping until spring. Pkt., 5c.; oz., 10c.; ½ |b., 20c.; |b., 65c. CALIFORNIA MAYMOTH WHITE. A winter variety growing twelve inches long; white fleshed, firm and of excellent quality. It is the largest grown, called by some Mammoth Bussian. Pkt., 5c.; oz., 10c.; ½ |b., 25c.; |b., 75c.



NEW ROUND SCARLET CHINA RADISH.

NEW ROUND SCARLET CHINA AN ALL-SEASONS RED RADISH

This new variety of the China Radish may be sown at intervals from spring until autumn. Matures in from six to seven weeks, and is much hardier than most other varieties. Valuable as a winter radish, as well as for summer; with pure white flesh of a most agreeable flavor. Its handsome round shape, rich scarlet color, pure white flesh, wonderful habit and quality have commended it to many gardeners who are now growing it with great profit. Pkt., 5c; oz., 15c; ½ lb., 35c; lb., \$1.25.

are now growing it with great profit. Fkt., 9c.; 0z., 19c., 74
lb., 35c.; lb., \$1.25.

LARGE WHITE SPANISH WINTER. Roots, when
full grown, measuring seven or eight inches in length, and
about three inches in diameter. Skin white, slightly
wrinkled, sometimes tinged with purple where exposed to
the sun. Flesh white, solid and pungent, though milder
than the Black Spanish. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c.



NEW CELESTIAL-AN ALL-SEASONS WHITE RADISH.

New Celestial, or White Chinese

Has been grown for a few years past by California gardeners, who obtained it direct from China. It should not be sown until summer, June or July, and is ready for use when three inches long, and continues until nearly six inches long. It also makes one of the best winter radishes from seed sown in August. Flesh firm, solid, crisp, pure white and never woody. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Rhubarb (Pie Plant)
One ounce will produce about one thousand plants.
Large Victoria. An excellent cooking variety. Pkt.,
5c.; oz., 15c.; ¼ lb., 40c.; lb., 81.40.
Rhubarb Roots. EXTRA EARLY, or STRAW-BERRY and LARGE VICTORIA. Each, per root, 15c.;
doz., \$1.00; 100, \$4.50, by express; by mail, post-paid, 25c. each, or \$2.00 per doz.

Sorrel

Large-Leaved French. Cultivated for its acidity, much used in salads. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



Salsify (Oyster Plant) One ounce will sow about sixty feet of drill.



SANDWICH ISLAND SALSIFY.

Salsify is a most nutritious and delicious vegetable and is one of the crops that should be more generally culti-vated on the farm for winter use and sale, as it can be grown just as cheaply as carrots, parsnips, etc., and commands higher prices in the markets. To this class of vegetables, which put money in the farmer's pocket, our new book, "Farm Gardening," calls particular attention. This valuable book is sent free with every order of \$3.00 and over. See page 21.
MAMMOTH SAND-

MAMMOTH SAND.
WICH ISLAND.
This Salsify grows fully double the size of the old Long White. The root is pure white, much heavier and thicker throughout, and not-withstanding their enor-pure size are well. mous size, are much superior in quality. All gardeners who have grown this variety now plant it exclusively.

SANDWICH ISLAND SALSIFY. Brown this variety flow
Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.40.

Long White. The old variety; the tops of all Salsify
can also be used in the spring, dressed like asparagus. Pkt.,
5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

Scorzonera, or Black. Pkt., 5c.; oz., 15c.; lb., \$1.25.

Spinach

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.



PLANTS OF PARISIAN LONG STANDING. Showing from the root its wonderful, strong, heavy growth.

New Spinach—Parisian Long Standing

This new French Spinach surpasses our famous Enkhuizen Long Standing in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other variety without running to seed, making it by far the most valuable for spring planting. For wintering over it has proven hardier than the famous American Savoy or Bloomsdale, coming out from under the snow with its dark green leaves in prints from under the snow with its dark green leaves in prime condition. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c., post-paid: lb., 40c.; 10 lbs. and over, 35c. per lb., by express.

ENKHUIZEN LONG STANDING SPINACH. The leaves are round, large, thick and of dark green color. Our stock is grown in Holland especially for us. This variety is superior to the ordinary Long Standing offered in many catalogues. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 25c.; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE. Our celebrated Philadelphia Stock. Popular for fall sowing. The leaves are large, thick, finety curled, heavy, are produced in great numbers, and stand handling better than most other sorts. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 25c.; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

per lb.

NEW VICTORIA. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long-standing variety, but not very hardy. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 30c.; 5 lbs. and over, 25c. per lb.

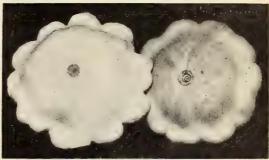
LONG-STANDING PRICKLY. An improvement on the old prickly. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c.

NEW ZEALAND SPINACH. (Tetragonia Expansa.)

Supplies the place of ordinary spinach during hot weather; succeeds everywhere. Sow in May where the plants are to stand. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

Squash

One ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.



MAMMOTH WHITE BUSH-GOLDEN CUSTARD.

NEW MAMMOTH WHITE BUSH, SCALLOPED. NEW MAMMOTH WHITE BUSH, SCREEN, or Patty An improved strain of the well-known White Bush, or Patty Pen Squash growing uniformly to twice the size. They

An improved strain of the well-known White Bush, or Patty Pan Squash, growing uniformly to twice the size. They ripen early; skin a handsome white color, and wonderfully productive. Pkt., 5c.; oz., 10c; ½ 1b., 20c; 1b., 55c.

GOLDEN CUSTARD, or MAMMOTH YELLOW BUSH. Very productive and large, attaining a diameter of two feet under good cultivation. Color, deep golden yellow; fine quality. Pkt., 5c.; oz., 10c; ½ 1b., 25c.; 1b., 75c.

NEW SWEET NUT. When only half grown and cooked green, as summer squashes, they are dry, fine flavored and delicious. Cut in slices and fried, like egg-plants, they can hardly be distinguished from that excellent vegetable, but their greatest value consists in being used as a winter squash. When pulled before frost, laid away in a dry room or cellar, they will keep sound and sweet the whole winter through. For making pies, custards, etc., their beautiful yellow flesh possesses a dry, rich, sweet flavor, even without the use of sugar. Pkt., 5c.; oz., 10c.; ½ 1b., 25c.; 1b., 75c.





NEW CHICAGO WARTED HUBBARD SQUASH.

CHICAGO WARTED HUBBARD. ment on the old-fashioned Hubbard. Large size, dark green, almost black; distinguished by a dense covering of knots, which justifies the name of "Warted." Very thick flesh, first-class quality and a good keeper. Pkt., 5c.; oz., luc.; 2/1b., 25c.; b., 75c.

24 lb., 25c.; lb., 75c.

NEW RED HUBBARD. Very showy and attractive.

Like the old Hubbard except that the skin is bright orange red and flesh much richer in color and quality. Seed scarce.

Pkt., 10c.; oz., 25c.; ½ lb., 75c.

MAMNOTH WHALE. A new French variety; largest of all; often three feet long, and weighing over 100 pounds. In form it is exactly the shape of the whale, hence its name. Flesh yellow, of fine quality and a good keeper. Pkt., 10c.; oz., 25c.



THE OLD FAVORITE-HUBBARD SQUASH.

Popular Well-Known Squashes Large Packets, 5 Cents Each

	Per oz.	1/4 lb.	Lb.
White Bush, Scallop. (Patty Pan), \$0 10	\$0 15	\$0 45
Early Golden, or Yellow Bush,	. 10	20	50
Golden Summer Crookneck. Smal	1, 10	20	55
New Giant, or Mammoth Summe			
Crookneck. Early; 2 feet long		20	65
Long Green Summer Crookneck			
The best for frying,	10	25	75
White Pineapple. Peculiar shape	e, 10	20	50
Hubbard. The old favorite,	. 10	20	60
White Chestnut. Sweet; yellow	W		
flesh; dry as a boiled chestnut, .	. 10	20	65
Boston Marrow. Bright orange,	. 10	20	50
Early Orange Marrow. Earlier,	. 10	20	60
Sibley, or Pike's Peak. Bright	nt		
orange; fine; long winter keepe	r, 10	15	45
Faxon. Most productive winter	r		
squash; best of keepers,	. 10	20	50
Fordhook. Early, sweet and dry,	. 10	25	75
Essex Hybrid, or Warren,	. 10	20	55
Mammoth Chili. The Jumbo,	. 15	35	1 25

very best tomato seed. All tomatocs showing the slightest very best form to seed. All tomatoes snowing the signtest variation from the standard type are rigidly discarded, thus securing the purest possible seed. Our long experience and great care enable us to furnish a prime article of this important seed to market gardeners, and to retain the patronage of all who deal with us.

One ownee will produce about thirteen hundred plants.



ATLANTIC PRIZE TOMATOES, AS THEY APPEAR FOR SALE ON FRUIT STANDS, ETC., DURING THE SPRING MONTHS.

ATLANTIC PRIZE TOMATO

Since we first introduced our Atlantic Prize Tomato, in 1889, it has rapidly popularized itself, and has now become the leading first early red tomato in cultivation. Thousands of acres are now annually planted in this variety from Maine to Texas. The vines grow strong, stiff and very rapidly, setting the grown fruit when quite variety the properties. the crown fruit when quite young, the buds often appearing before the plant is four inches high. Each vine produces from sixty to eighty large perfect tomatoes, very solid and of the finest quality, being unusually free from core and seeds. It is by far the most valuable first early variety ever introduced. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2.50.



THE GREAT B. B. (Brinton's Best).

THE GREAT B. B. (Brinton's Best).

This tomato was originated by the late Thomas H. Brinton, a veteran tomato specialist, who up to the time of his death had tested more new tomatoes than any other man in the United States. Since our introduction of it in 1893, it has met with very large sale in all sections, and out of hundreds of unsolicited testimonial letters received there is not one who does not pronounce it "the very best main crop tomato they have ever grown." The vines grow vigorously and produce abundantly until killed by frost. They attract great attention owing to their beautiful deep red color, uniformly even large size and perfect, smooth shape. The skin is remarkably tough and solid, so that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality and sol dity are unequalled. Pkt., 10c.; oz., 30c.; ½ 1b., 85c.; lb., \$3.00.





PHOTOGRAPH OF A RIPE CLUSTER OF NEW FORTUNE TOMATOES.

NEW · FORTUNE

The Best Second Early Tomato

In January, 1894, we received from one of our customers a package of tomato seed, with the following letter: "I send you 2½ ounces of the best early tomato in cultivation, a variety originated by myself, and which I have never given a name, although I have grown it for several years and made thousands of dollars out of it. I am now 77 years of age, and my trucking days are about over. I am sure this tomato will prove a boon to market and family gardeners alike, and knowing that from your extensive trade you will distribute it where it will do the most good, I place it in your hands."

After thorough trials, we are convinced that it is the very best second early Tomato in cultivation, with its magnificent large red fruit, borne in immense clusters. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.5°.

A Select List of the Best TOMATOES—SEED OF OUR OWN

Per lb. Per oz. 1/4 lb. In regular size large packets, each, 5c. per packet, except where noted. Extra Early Advance. One of the earliest; small, smooth, bright red and solid, \$1 40 \$0 15 \$0 40 Early Michigan, or Red Apple. Very early; medium size; red, smooth, . . . Livingston's Perfection. Early; large size; very productive; fine blood red, Livingston's Favorite. Large, smooth, productive; a good shipper and canner, Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form, 20 50 1 75 15 40 1 50 15 40 1 40 1 75 1 50 20 50 New Stone. Very large, perfectly smooth; bright scarlet; solid; best for canning, 15 40 New Imperial. Early, large, smooth, solid; pinkish purple when ripe; pkt., 10c., 2 25 25 New Buckeye State. Very large, solid, meaty; deep purple; a heavy cropper, Livingston's Royal Red. Skin and flesh deep red; fine for main crop, Liberty Bell. Extra early; large size; red; fine quality; pkt., 10c., 20 60 2 00 20 50 1 75 30 75 2 75 Aristocrat. Erect, strong vine; large size; red; fine quanty; pxt., 10c.,

Thorburn Long-Keeper. Bright red; early; productive; a great keeper,

Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c.,

Matchless. Extra large, smooth and handsome; bright red; solid; pkt., 10c.,

Ponderosa. The largest variety in cultivation; a monster; per pkt., 10c.,

Ignotum. One of the earliest of large, deep red, smooth varieties; productive, 1 75 20 50 20 50 1 75 25 75 2 50 25 2 25 70 25 4 00 40 20 50 1 75 Early Paragon. Bright red; productive; standard for market and canning.

Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c., .

Early Market Champion. Very early; large; purple; productive; pkt., 10c., .

Livingston's Potato Leaf. Distinct leaf; fruit smoother than Mikado, . . 15 40 1 40 25 70 25 2 50 25 75 1 40 15 75 Volunteer. Early, bright red; smooth and perfect in form, 20 50 1 25 70 25 75 2 75 30 1 50 15 40 20 60 25 25 70 2 25 New Queen. Bright red; smooth; fine flavor; very popular with canners, . . Extra Early Trophy. Very early; medium size; red; slightly lobed, . . . Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c., . . . 20 1 75 50 15 40 1 50 70 2 25 25 Resembling peaches in shape and color; for preserves and pickles, 1 50 15 40 The Shah. Large, handsome form; beautiful clear yellow color; first-class, . Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c., 1 20 50 75 25 2 25 70 Strawberry, or Winter Cherry. (Husk Tomato.) Small yellow fruit; pkt., 10c.

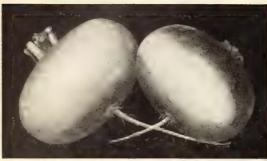
A NEW TOMATO—THE EARLIEST YET—\$100 FOR A NAME at Floracroft Trial

Grounds all new tomatoes that come to our notice. We are now working on a new one which we propose to introduce in 1899, and which promises to outstrip all others in earliness, and shall include a liberal trial packet free in all orders of \$2.00 and over from this catalogue. We also offer \$200.00, in cash, for the best name suggested for this and the new beet offered on page 19. All who receive a packet for trial are entitled to compete, directions for competition plainly given with each packet of seed.



Turnip

One ounce will sow one hundred and fifty feet of drill, one to one and one-half pounds will sow an acre.



NEW WHITE MILAN.

PURPLE TOP MILAN

EXTRA EARLY PURPLE TOP MILAN

This and the New White Milan are the most desirable turnips for early planting Tops are very small, distinctly strap-leaved, and growing very erect. The roots are small and flat, skin purple on top of the root and white below; flesh clear white; a very shy seeder, hence the genuine seed is always high. Pkt., 5c.; oz., 10c; 1/4 lb., 30c.; lb., 90c.

NEW EXTRA EARLY WHITE MILAN

NEW EXTRA EARLY WHITE MILAN
A splendid extra early turnip, offered last year for the
first time. The extreme earliness, small top and tap root of
the Purple Top Milan is united with clear white skin and
flesh Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.
EARLY SCUPPERNONG. This new turnip is of
handsome flat shape. The outside skin is pale yellow, beautifully striped with scarlet. It is the earliest Yellow Turnip
in cultivation. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.
SCARLET KASHMYER. This new and distinct variety
is of flat shape, the outside skin being of a beautiful deep
scarlet color, wonderfully early and of the finest table
quality. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.
EARLY WHITE FLAT DUTCH. An early whitefleshed variety: usually sown early in the spring; of quick
growth, juicy, mild flavor, and excellent quality; also grown
for a fall crop. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.
PURPLE-TOP FLAT. (Strap-leaved.) This variety
is similar to the above, excepting it is red or purple above
ground. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.
EARLY RED-TOP WHITE GLOBE. A very early
productive variety. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 40c.



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP

MAMMOTH PURPLE-TOP GLOBE. This new sort is an improvement on the Early Red-Top Globe, growing larger and more uniform; fine quality. It keeps well and is one of the best for early or winter market. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

MYER'S PURPLE TOP BEAUTY RUTA-BAGA

This new variety is of American origin. It is undoubtedly the finest Swede to be obtained, whether for market, garden or stock feeding. The root is smooth and beautiful, flesh is golden yellow, fine grained, solid, sweet and very nutritious. Pkt., 5c.; oz., 10c; ½ lb., 25c.; lb., 75c.

BUDLONG, or BREADSTONE. While of Ruta-Baga form, this deserves to be classed with the best table turnips. owing to its extra high quality. It is of fine, half-long shape, pure white skin and flesh, with faint shade of purple on the crown. Medium in size and of very quick growth. One of the best table varieties for both spring and winter use. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c. 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

WELL-KNOWN TURNIPS AND RUTA-BAGAS

Regular Large Packets of any Variety, 5 cents each

	Per oz.	1/4 lb.	lb.
Extra Early Purple Top Munich,	\$0 10	\$0 20	\$0.60
Early White Egg, very handsome,	10	20	50
Pomeranean White Globe,	. 10	15	40
Large White Norfolk, globe-shaped,	10	20	45
Long Cow Horn, or White French,	10	20	45
Golden Ball, or Orange Jelly,	10	20	50
Yellow, or Amber Globe,	. 10	15	40
Improved Sweet German White,	10	20	60
Yellow Aberdeen, globe-shaped,	10	20	50
Monarch, or Elephant Ruta-Baga,	. 10	20	60
Long Island Ruta-Baga, purple top,	10	20	65
Purple Top Yellow Ruta-Baga,	10	15	40
Large White Ruta-Baga,	. 10	20	50
Seven Top, grown for leaves,	. 10	20	50

Tobacco Seed

PERSIAN ROSE MUSCATEL. Imported from Hungary; possesses a delicious Turkish or Rose perfume. Pkt., 10c.; oz., 30c.; ½ lb., \$1.00; lb., \$3.00.

CONNECTICUT SEED-LEAF. Saved from selected plants. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

HAVANA. Genuine imported seed. Pkt., 10c.; oz., 40c.; 1/4 lb., \$1.25; lb., \$4.00.

General Grant, Pennsylvania, or Lancast (Broad-Leaf). Pkt, 10c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00. Lancaster



SEEDS OF POT AND SWEET HERBS

Those marked with a * are perennial, and, when once obtained in the garden, may be preserved for years.

obtained in the garden, may be preserved for years.

ANISE, pkt., 5c.; oz., 10c. * Balm, pkt., 10c.; oz., 25c.
Basil, Sweet, pkt., 5c.; oz., 15c. Borage, pkt., 5c.; oz., 15c.
Catnip, or Catmint, pkt., 10c.; oz., 35c. Coriander, pkt., 5c.; oz., 10c.; ½ lb., 20c. * Caraway, pkt., 5c.; oz., 10c.; ½ lb., 25c. Dill, pkt., 5c.; oz., 10c.; ½ lb., 25c. pkt., 5c.; oz., 10c.; ½ lb., 25c. pkt., 5c.; oz., 10c.; ½ lb., 25c. pkt., 5c.; oz., 15c. * Lavender, pkt., 5c.; oz., 20c. Marigold Pot, pkt., 5c.; oz., 15c. * Fennel, pkt., 5c.; oz., 10c. * Hyssop, pkt., 10c. * Horehound, pkt., 10c.; oz., 25c. * Marigoram, Sweet, pkt., 5c.; oz., 15c.; lb., \$1.50. Opium Poppy, pkt., 10c.; oz., 25c. * Rue, pkt., 5c.; oz., 15c.; Saffron, pkt., 10c.; oz., 25c. * Kue, pkt., 5c.; oz., 15c. Saffron, pkt., 10c.; oz., 55c. * Kue, pkt., 5c.; oz., 15c. Saffron, pkt., 10c.; oz., 5c. * Cat., 20c.; ½ lb., 60c., lb., \$2.00. Savory, Summer, pkt., 5c.; oz., 10c.; ½ lb., 30c. *Savory, Winter, pkt., 5c.; oz., 20c. * Tansy, pkt., 10c.; oz., 30c.; 1½ lb., 80c. * Wormwood, pkt., 5c.; oz., 15c.

VEGETABLE PLANTS

Transplanted and Field Grown. The following are always on hand in season at our nurseries: Early Cabbage and Cauliflower, Celery, Egg-Plant, Pepper, Sweet Potato and Tomato. We invite our customers to write us for prices, stating kinds and quantities wanted.



Selected Farm Seeds IMPROVED VARIETIES



Fully appreciating the great importance to the farmer of GOOD FIELD CROPS, we have given particular attention to this department of our business, and have made the SELECTION AND IMPROVEMENT OF FARM SEEDS a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Our FARM SEEDS HAVE GAINED A NATIONAL REPUTATION, and we supply each year hundreds of customers in every State of the Union, from MAINE TO CALIFORNIA.

NEW FIELD CORN-DELAWARE COUNTY DENT

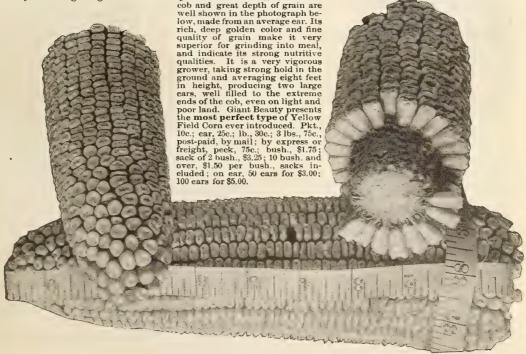
For some years Delaware and Chester, adjoining counties in Pennsylvania, have given the largest yields of corn per acre of any district in the United States. This variety, although quite new, is already very popular there, and is regarded as the most productive of any corn grown in these counties; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from planting. It is one of the best. Pkt., 10c; lb., 30c; 3 lbs., 75c., post-paid; qt., 15c.; peck, 75c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., sacks included; 50 ears for \$3.00, 100 ears for \$5.00, by freight.

THE TRUE IMPROVED LEAMING CORN

Previous to our introduction of The 100-Day Bristol Corn, the True Improved Leaming has been considered the earliest Yellow Dent in cultivation. The ears are large and handsome, with deep grain, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, producing two good ears to each stalk; husks and shells easily. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. Prices by mail, post-paid; plkt, 10c; [b., 30c; 3] lbs., 75c; by freight or express, bags included, qt., 15c; peck, 50c; bush., \$1.40; 10 bush. and over, \$1.25 per bush.; ears, 50 for \$2.50; 100 for \$4.50.

JOHNSON & STOKES' GIANT BEAUTY FIELD CORN

In the new Giant Beauty we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early Yellow Dent Corn. Giant Beauty is a cross between Cloud's Early Dent and Golden Beauty, possessing the earliness and Deep Grain of the former, with the handsome deep yellow color and breadth of grain of the latter. It is absolutely the largest grained of all yellow corn. Its small red cob and great depth of grain are



AN AVERAGE EAR OF GIANT BEAUTY, TEN INCHES LONG AND THREE INCHES BROAD,

PHOTOGRAPH OF AN AVERAGE EAR OF 100-

The 100-Day Bristol Corn

THE LARGEST EARED, EARLIEST YELLOW DENT CORN

The 100-Day Bristol was first pointed out to us by the well-known seed farmers, Messis. Myers and Bowman, of Bucks Co., Pa., who, with a few neighbors, had been growing it to the exclusion of all other varieties, owing to its great earliness and wonderful productiveness, one hundred bushels to the

great earliness and wonderful productiveness, one hundred bushels to the acre being no uncommon yield.

When we first saw this corn growing in the field, with its enormous stalks and fodder, twice the height of an ordinary-sized man, and its magnificent ears, averaging about a foot in length, as shown in photograph alongside, we were inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of our customers, the past three seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow: the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. In fact, it is a perfect field corn in all respects. Prices of Extra Selected Seed: Pkt., 10c.; ear, 25c; lb., 30c.; 3 lbs., 75c., post-paid, by mail. By express or freight, shelled, peck, 75c.; bush., \$1.75; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., sacks included; on ear, 25 ears, \$1.75; 50 ears, \$3.00; 100 ears, \$5.00.

Waterloo Extra Early Dent Corn

Originated in Nebraska, where it is noted for its great earliness, ripening in Originated in Nebraska, where it is noted for its great earliness, ripening in ninety days. The ears are small, but it is a great yielder, and will shell sixty pounds of corn from seventy pounds of ears every time. Pkt. 10c.; lb., 30c.; 3 lbs., 65c., post-paid; qt., 15c.; peck., 50c.; bush., \$1.50; bag of 2 bush., \$2.75; 10 bush. and over, \$1.35 per bush., sacks included.

WHITE CAP YELLOW DENT. Very early and adapted to poor thin soil. The tip ends of the grains are white, the inside yellow, making it of beautiful color, both on cob and when shelled. Prices same as for Waterloo

Extra Early Dent.

GOLDEN BEAUTY CORN. A large and broad-grained yellow corn, GOLDEN BEAUTY CORN. A large and broad-grained yellow corn, maturing in one hundred and ten days from planting. Our strain has been perfected and improved, and is fully equal to any offered. Pkt., 10c; lb., 30c; 3 lbs., 65c, by mail, post-paid; qk., 15c; peck, 50c; bush., \$1.40; bag of 2 bush., \$2.70; lb bush. and over, \$1.25 per bush. sacks included.

CHESTER COUNTY MAMMOTH.

Grain very large, deep and of a bright yellow color; the stalk is large, averaging from ten to fourteen feet. Prices

same as for Golden Beauty.

EARLY MASTODON CORN. Ear large, grain deep; very early and productive. Prices same as for Golden Beauty

HICKORY KING CORN. The largest grained and smallest cobbed

pure white Dent Corn in cultivation.
Prices same as for Golden Beauty.
RED COB ENSILAGE. This new
and superior ensilage corn we can recommend as the heaviest cropping variety, producing fifty to seventy-five tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows thirteen to fourteen feet in height. Peck, 40c.; bush., \$1.25; sack of 2 bush. \$2.25; 10 bush. and over, \$1.00 per bush., sacks included.

BLUNT'S PROLIFIC ENSILAGE.
Also called Mammoth Ensilage. Has produced seventy tons of fodder to the acre, and is one of the very best and most popular for Ensilage. Peck, 50c.; bush., \$1.40: 10 bush. and over, \$1.25 per bush.

EARLY YELLOW CANADA
FLINT CORN. Well adapted to the North and for late replanting Qt., 20c; peck, 50c.; bush., \$1.50. mend as the heaviest cropping variety,

North and for late replanting Qt., 202; peck, 502; bush, \$1.50.

SUGAR CORN FOR GREEN FODDER. Profitable as green food for milch cows. Bush., \$1.50; 5 bush. and over, \$1.40 per bush.

Spring

Distinct from the winter rye, grain of Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as reliable as that of the fall or winter rye. grain his failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff 7 to 8 feet high, produces 30 to 40 bushels of grain per acre; as it does not stool like winter rye, not less than 2 bushels to the acre should be sown. Pkt.,
10c.; lb., 35c.; 3 lbs., \$1.00, post-paid; peck,
0TOGRAPH OF AN AVERAGE EAR OF 100-60c; bush., \$1.50; 2 bush., \$2.75; b bush.
Y BRISTOL. TWO-THIRDS NATURAL SIZE. and over, \$1.35 per bush., bags included.



SPRING RYE, SHOWING HEIGHT AND



Spring Wheat

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Chas. A. Pillsbury, of Minneapolis, Minn. (whose mill has a capacity of seventy-five hundred barrels per day) says: "No such milling wheat has been received at our mill since we have been in the milling business." Fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the Common Fife, straw growing about a foot taller, standing stiff and strong. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid. Peck, 75c.; bush., \$2.25; bag of 2 bush., \$4.00.

Seed Buckwheat

NEW JAPANESE. The kernels are nearly twice the size of any other, of a rich dark brown color and manufacture a superior flour. Owing to its branching character, only onea superior flour. Owing to its branching character, only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; b., 25c.; 3 lbs., 60c., post-paid; qt., 15c.; peck, 40c.; bush., \$1.00; 5 bush. and over, 90c. per bush., sacks included.

SILVER HULL. Sown at same time as common buckwheat, this variety continues in bloom longer, and yields nearly double. The flour is whiter and more nutritious. Lb., 25c.; 3 lbs., 60c., post-paid; qt., 15c.; peck, 40c.; bush., \$1.10.

Seed Barley

NEW MANSHURY. An improved variety; the earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.25.

SPRING BARLEY. Largely grown in Northern
States and Canada. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.00.

WEBER'S IMPROVED EVERGREEN BROOM CORN. This is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown; height seven to eight feet. Lb., 35c.; 3 lbs., 75c., post-paid; qt., 25c.; peck, 90c.; bush., \$2.50; 2 bush., \$4.50.

WILD RICE. (Zizania Aquatica.) A native plant furnishing food for wild fowl, ducks, geese, etc. This seed can be sown on the borders of lakes, ponds, along small streams, and grows very rapidly in one to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Lb., 35c., post-paid; 5 lbs., \$1.00; 10 lbs. and over, 18c. peer lb.

SPRING VETCHES, or TARES. A species of pea, group of the interest and affords a refuge that developed the restort in Events and developed for restoric transparent and refusive to the refusive transparent and refusive to the refusive transparent and refusive to the refusive transparent and refusive transpa WEBER'S IMPROVED EVERGREEN BROOM

SPRING VETCHES, or TARES. A species of pea, grown extensively in England and Canada for stock, also valuable for pigeon feed. Culture same as field peas. Lb., 25c., post-paid; qt., 25c.; peck, 80c.; bush., \$2.75; 2 bush., \$5.00. OSAGE ORANGE. The popular hedge plant. Lb., 40c. (post-paid, 50c.); peck, \$2.00; bush., 67 33 lbs., \$7.00. FLAX SEED. Qt., 15c.; bush., 56 lbs., about \$1.50. SPRING VETCHES, or TARES.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER, DIAMETER ONE FOOT.

WHITE MAINE ..OATS..

Our attention was first called to this new oat by Mr. A. F. Dibble, one of the most successful growers of seed oats in the North. The straw is very short and stiff, standing up on any soil. As to yield, Mr. Dibble says: "On my own farm, a measured field of 13 acres yielded 91½ bushels of cleaned oats per acre. The same season my brother-in-law raised 4 acres on a pet piece of land, that cleaned up 406 bushels, or 101½ bushels per acre for the four acres." bushels per acre for the four acres bushels per acre for the four acres. To one striking peculiarity is, that invariably there are two oats in each hull or chaff. Owing to the very thin hull they are one of the best for horse feed; they weigh from 35 to 38 lbs. to the bushel.

Large pkt., 10c.; lb., 30c.; 3 lbs., 65c., by mail. post-paid; peck, 40c.; bush., \$1.00; 10 bush. and over, 90c. per bush.; sacks free.



The Lincoln Oats

This new oats, introduced in 1893, has given wonderful results. The three largest yields reported, which were grown in competition for the cash prizes offered, were 174, 108 and 123 bushels from a single bushel sown. It is very early and entirely rust-proof. Straw is stiff and strong. The grain is very handsome and valuable for feeding, on account of its thin hull, heavy meat and soft nib. Pkt., 10c.; 1b., 30c.; 3 lbs., 65c., post-paid; by freight or express, peck, 40c.; legal bush. of 32 lbs., \$1.00; 10 bush, and over, 90c. per bush., bags included cluded.

Other Good Varieties of Seed Oats

SWEDISH, SEIZURE, BALTIC, AMERICAN BEAUTY, WELCOME, CLYDESDALE, Wide Awake, American Banner, White Belgian, White Russian, Virginia Winter Turf, and other well-known and popular varieties of seed oats at bottom prices. Each, 30c, 1b., or 3 lbs., 65c., post-paid; by freight or express; per legal bush., 32 lbs., 90c.; 10 bush. and over, 85c. per bush., bags included.

Peas and Oats for Fodder

They make a fodder and hay which in every case doubles the production of milk. The Canada Field Pea, which we sell at \$1.25 per bushel, is the best for this purpose. They should be sown early in April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sowed and harrowed in. They will be ready for cutting about July 1, when the oats are in milk and the pods formed on the peas.

Mammoth Russian Sunflower

to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel.

Oz., 5c.; qt., 15c.; (qt., post-paid, 25c.) peck, 60c.; bush., \$1.75; sack, 2 bush., \$3.00.



A Page of Interesting Fodder Plants

Australian Salt Bush

THE FORAGE PLANT FOR ALKALI SOILS.— Yields 20 tons to the acre on any soil without water. Introduced into the United States by the University of Cali-

Experiments and actual tests have shown that Salt Bush Experiments and actual tests have snown that Salt Bush is a hardy, dry air plant, capable of thrifty and substantial growth in any soil. Its nutritious strength is equal to alfalfa or Lucerne. Hogs, sheep and cattle are extremely fond of it, and chickens will leave almost any other food for it. It will stand cold to a temperature of 19 degrees, and heat to 150 degrees.

Experiments in California, Colorado, Arizona, New Mexico, Montana, Idaho, Utah, South Carolina and Florida have been uniformly successful, and the unanimous opinion of all is that it is a God-send.

of all is that it is a God-send.

One plant will cover 500 square feet in one season, covering the ground with a matting of from six to eight inches thick. It remains green all winter, and will yield 20 to 30 tons to the acre. It produces wool and mutton of superior quality. Horses fed on it seem to be possessed of inexhaustable endurance. One pound of seed will plant an acre. Sow broadcast, in soil well pulverized, after all dunger of frost is past. Mix the seed with ten times its weight of loam, sand, ashes, or plaster; cover lightly with a brush harrow or roll lightly. The seed germinates quickly, and the plants soon take possession of the ground. Or it may be sown in a hotbed, cold frame or boxes; transplant when two inches high.

Prices: Seed of the TRUE AUSTRALIAN SALT

Prices: Seed of the TRUE AUSTRALIAN SALT BUSH (Atriplex semibaccatum), grown for us in California, per pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., \$1.50.

Sand, or Winter Vetch Villosa

Vicia Villosa succeeds and produces good crops on poor Vicia Villosa succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, or defull group on the taken off the land in time for vilgating. being nardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all binds of steel.

Sow one bushel per acre with one-half bushel of rye, oats or barley. Lb., 25c.; ·3 lbs., 60c., post-paid; lb., 15c.; 10 lbs., \$1.00; bush. (60 lbs.), \$4.50, by freight or express.

Teosinte (Reana Luxurians)

This gigantic Grammea will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. In its perfection it produces a great number of shoots, growing ten to twelve feet high, very thickly covered with leaves, yielding an abundance of forage. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. Sow in May or June, at the rate of three pounds per acre, in drills three and a half to four feet apart. Pkt., 10c.; oz., 15c.; ½ lb., 35c.; lb., \$1.25.

LATHYRUS SYLVESTRIS, or FLAT PEA. LATHIKUS SILVESTRIS, OF FLAT PEA. If the strong claims made for this forage plant are but half true, it is certainly one of the best yet discovered. The roots penetrate the soil twenty to thirty feet, enabling it to withstand cold or drought, and will last fifty years without manure or reseeding. It will fatten hogs or sheep without grain, and will cut six to eight tons of hay to the acre. Sow in drills twelve to fifteen inches apart. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

SACALINE (True Polygonum Sachalinense) SACALINE (True Polygonum Sachalinense). No other forage plant has ever created such widespread discussion as Sacaline, and there seems to be a wide difference of opinion regarding its value in the United States. From our own experience we cannot endorse the strong claims made for it. To those who wish to try it, however, we offer seed of the true variety at 10c. per packet, or 3 pkts. for 25c.

Dwarf Essex Rape TRUE BIENNIAL VARIETY

Dwarf Essex Rape is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing, and producing the state of the same to thirty tons of green forage to the acre. It twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so grows to a height of three feet and covers the surface so densely as to smother out all weeds and to kill quack and other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast at the rate of five pounds to the acre, or in drills or rows two feet apart at the rate of three pounds per acre. While unequalled as a pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Pkt., 10c.; 1b., 30c.; 3 lbs., 75c., post-paid; lb., 20c.; 10 lbs., \$1.50; 25 lbs. and over, 10c. per lb., by express or freight.

Early Amber Sugar Cane

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought with the best of this class of plants. As

stands severe drought with the best of this class of plants. As a fodder and for winter feed it is one of the most economical:

The Early Amber is also the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. By mail, post-paid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 20c.: peck, 75c.; bush. of 56 lbs., \$2.25; 10 bush. or over, \$2.00 per bush.

KAFFIR CORN is now successfully cultivated for both forage and grain in all

sections of the United States. It will make a fine crop It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivated the same as our Cultivated the same as our common Indian Corn, requiring four to five pounds of seed per acre. By mail, postage paid, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 15c.; peck, 50c.; bush., 60 lbs., \$1.50.

JERUSALEM CORN.

Belongs to the non-sacchar-ine sorghums, and was brought a few years since from the arid plains of Palrom the arm plans of Paisestine. It is pronounced by all who have grown it the best and surest crop for dry countries and seasons. Grows about three feet high. The grains are pure white and nearly flat. Three pounds will plant an acre. The cultivation is the same as for Kaffir Corn and other forage plants. Pkt., 10c; lb., 25c.; 3 lbs., 60c., post-paid; qt., 15c.; peck, 75c.; bush. (60 lbs.), \$2.50, by freight.

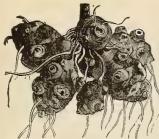
WHITE MILLO
MAIZE, or DHOURA,
and YELLOW MILLO
MAIZE, or YELLOW
BRANCHING DHOURA. BRANCHING DHOURA.
Popular varieties of sorghum, valuable for both forage and grain. Pkt. 10c.;
10., 25c.; 31bs., 60c., post-paid;
qt., 15c.; peck. 75c.; bush.,
\$2.50, by freight or express.



A SEED HEAD OF KAFFIR



Jerusalem Artichoke Roots



This variety is not produced from seed. They are sometimes used as a table vegeta-ble when pickled, but their greatest value is for feeding stock. They are the best hog food known. They remarkable for their fattening proper-ties, great productiveness (over one thou-sand bushels having been grown on one acre) and ease with which they can be grown. They need

mot be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases, and they are also highly recommended for mileh cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season. deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, post-paid. By freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.

Chufas, or Earth Almond

Cyperus esculentus. A species of "grass nut" used to fatten hogs. They should not be confounded with the cocoa, or nut grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under ground, very near the surface, easily reached by pigs or poultry. Easily and cheaply grown and very abundant in yield, eaten greedily by hogs, which take on fat very rapidly from them. Plant in April, ten to twelve inches apart, in three-foot rows. Cover lightly. If the seed is very dry, soak well before planting, to secure a good stand. They mature early in September, and lie in the ground till wanted. One peck of seed to the acre. Pkt., 10c.; pint, 25c.; qt., 40c., post-paid. By express, qt., 25c.; peck, \$1.00; bush., \$3.50.

Cow Peas—(The Great Soil Improver)

Make Poor Land Rich. Make Good Land More Pro-ductive. Enriching the Soil Even When the Crop is Cut Off.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially formedium or light soil. They should be sown in the mouth of May at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it the wonder is that it is not grown ten times as much as at resent der is that it is not grown ten times as much as at present.
There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at fifteen cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, has the power to extract this costly nitrogen or ammonia from the atmosphere. The best varieties are the Southern Black Eye and Black Cow Pea, either of which we can furnish at \$1.50 per bushel, F. O. B. here, sacks included. Write for special prices on large lots.

Soja Bean—(German Coffee Berry)

In the past few years the Soja Bean, which we have catalogued for at least twelve years as valuable for forage, has been advertised in a sensational way by certain seedsmen as German Coffee Berry.

The dry beans, roasted and ground, closely resemble and taste very much like coffee. Its great value, however, is as a forage crop and for fertilizing the soil and for pasturing, or feeding the green fodder, of which it yields eight to ten tons per acre. Sow broadcast one-half bushel to the acre, or it may be planted in drills three feet apart and one foot between may be planted in drills three feet apart and one foot between plants. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., post-paid; qt., 20c.; peck, 75c.; bush., \$2.50, by freight or express.

Fruit Tree Seeds

Remit postage 8c. per pound, 15c. per quart, if by mail.

Peach Pits. Pure Southern, natural, qt., 15c.; bush., \$1.25. Apple Seed, lb., 25c.; bush., \$4.50. Apricot Pits, oz., 10c.; lb., 40c. Plum Pits, oz., 10c.; lb., 40c. Pear Seeds, French imported, oz., 20c.; lb., \$1.50. Quince Seed, oz., 20c.; lb., \$1.50. Mulberry Seed, oz., 20c.; lb., \$2.00.

HIGH-GRADE EXTRA CLEAN Grass Seed

Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than Catalogue rates.
POSTAGE ON GRASS SEEDS

Remit, in addition to price, 10c. per lb., and 15c. per qt., except on light varieties, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt. to pre-pay postage, when ordered to be sent by mail.

CRIMSON, or SCARLET CLOVER. A more valuable crop than this annual clover does not exist. As an improver

CRIMSON, or SCARLET CLOVER. A more valuable crop than this annual clover does not exist. As an improver of the soil, or for an early summer forage or hay crop, it is unsurpassed. As a green manuring crop for grain, fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on every kind of soil, standing Southern suns and Northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every State where tried. Sow ten to fifteen pounds to the acre. Lb., 15c.; 101bs., \$1.00; 25 lbs., 6c. per lb; bush. of 60 lbs, \$3.00.

AP-Circular describing habits, growth and uses of CRIMSON CLOVER mailed, free, on application.

ALSIKE, SWEDISH, or HYBRID CLOVER. The hardiest of all; sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Its superior pasturage is much liked by cattle. Blosson heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., \$1.75; 25 lbs., \$3.50; bush., 60 lbs., \$6.25. LUCERNE, or ALFALFA CLOVER. A perennial forage plant, and when once properly seeded in suitable soil, will produce fine crops for several years. It has a remarkably strong growth, occasioned by its roots penetrating the ground to a great depth—ten to twenty feet—until they are altogether out of reach of drought. Seed can be sown with any grain crop in the spring, or as a separate crop, at the rate of ten to twelve pounds to the acre. Lb., 20c.; 10 lbs., \$1.50; 25 lbs. and over, 17c. per lb; bush. (60 lbs.), \$5.00.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 30c.; 10 lbs., \$2.50.

WHITE DUTCH CLOVER. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 25c.; 25 lbs. and over, 17c. per lb; bush. (60 lbs.), \$1.00.

Clover, Common Red. Lowest market prices.

MAMMOTH PEA VINE, or SAPLING CLOVER.

Market variable. Lowest market p



HEADS OF SOUTHERN GROWN GERMAN MILLET.

GERMAN, or GOLDEN MILLET. GERMAN, or GOLDEN MILLET. (Southern-grown seed.) Southern-grown German Millet Seed is far superior, both in quality and yield of product, to Western or Northern-grown seed. When properly grown and handled, makes an enormous yield of most nutritious feed, succeeding in almost any soil or climate, and without impoverishing the soil to any great extent. Sow in May or June one bushel to the acre. Qt., 10e.; bush., 50 lbs., about \$1,25.

HUNGARIAN. (Panicum Germanicum.) A species of annual millet, growing less rank, with smaller stalks, yielding two or three tons of hay per acre. Sow 1½ bushels to the acre in May or June. Qt., 10c.; bush., 48 lbs., about \$1,25.

Common Millet. Qt., 10c.; bush., 59 lbs., about \$1,25.
East India, or Pearl Millet. Lb., 25c.; 10 lbs., \$2,00. (Southern-grown



A PORTION OF LAWN AT FLORACROFT, SOWN WITH JOHNSON & STOKES' EVERGREEN LAWN MIXTURE.

Thank God for grass! No other glory vies With the refreshing glory of the grass; Not e'en the blue of the o'erbending skies, Nor fading splendors when the daylight dies, Can this sweet smile of living green surpass.



CANADIAN BLUE GRASS, (Poa Compressa.) The hardiest grass in cultivation; should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Qt, 15c.; bush., 14 lbs., St.50; 5 bush. and over, \$1.40 per bush. KENTUCKY BLUE GRASS.

(Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties. Qt., 15c; bush., 14 lbs., \$1.50; 5 bush and over, \$1.40 per bush

ORCHARD GRASS. One of CANADIAN BLUE. the most desirable pasture grasses.

15c.; bush., 12 lbs., about \$1.60.

Timothy. Qt., 20c.; bush., 45 lbs., about \$2.00. CANADIAN BLUE

Qt., 15c.; Our. Timothy. Qt., 20c.; bash. 45 lbs., about \$2.00.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Qt., 15c.; bush.. 10 lbs., \$1.00; in sacks of \$6 lbs., about \$4.00.

Johnson Grass (Sorghum Halapense). Qt., 20c.; bush. 25 lbs. \$9.50

Johnson Grass (Sorghum Halapense). Qt., 20c.; bush., 25 lbs., \$2.50.

Natural Green Grass. Qt., 20c.; bush., \$2.00.

Meadow Fescue, or English Blue. Qt., 20c.; bush., \$1.50. Sow 2 bushels to the acre.

Tall Meadow Oat Grass. A valuable grass for permanent pasture, on account of its early, luxuriant growth. Makes splendid hay. Qt., 20c.; bush., 13 lbs., \$2.40.

English Rye Grass. A nutritious, permanent grass for meadows and pastures. Qt., 20c.; bush., 24 lbs., \$1.50.

Halian Rye Grass. Qt., 20c.; bush., 20 lbs., \$1.75.

Wood Meadow Grass. Adapted for pleasure grounds undertrees; fine for pastures under close feeding. Sow 28 pounds to acre. Lb., 35c., post-paid; bush., 14 lbs., \$3.50.

Sweet Vernal Grass. True Perennial. Lb., 45c., post-paid; bush., 10 lbs., \$3.50.

Sweet vernal Grass. True Ferennia. 100., 700., post-paid: bush, 10 lbs., 83.50.

Meadow Foxtail, Crested Dog-Tail, Fine-Leaved Fescue, Water Meadow, Water Fescue, each, per lb., 45c., post-paid; 10 lbs. and over, 35c. per lb., by express.

Awnless, or Hungarian Brome Grass. (Bromus inermis). Rhode Island Bent, Rough-Stalked Meadow, Tufted Hair, Creeping Bent, Wood Hair, Hard Fescue, Sheep Fescue, each, per lb., 35c., post-paid; 10 lbs. and over, 95c. per lb., by express. 25c. per lb , by express.

GRASSES FOR THE NORTH AND SOUTH

This little work contains a complete list, with descriptions and illustrations, of all the desirable grasses now grown in the United States. Will be mailed free to all who write for it.

Johnson & Stokes' Evergreen Lawn Mixture

Is the best Lawn Grass Seed for the American clias the best Lawn grass seed for the American curate. With it you can renovate old and make new lawns, grass plots, tennis courts, etc., as soft as velvet and as green as emerald all summer long.

We have made the formation of permanent lawns a study for years, with the result that in our Evergreen Seed we have a mixture of verying green that growing density the property of the pr

for years, with the result that in our Evergreen Seed we have a mixture of various grasses that grow and flourish during different months of the year, and that will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on Lawn Tennis, Croquet and Ball Grounds in constant use. It has become widely known and is exclusively used on the finest public and private grounds around Philadelphia, New York and other cities. Qt., 20c.; 2 qts., 35c.; (qt., post-paid, 25c.;) peck, \$1.00; bush., 20 lbs., \$3.50.

Fairmount Park Lawn Grass Seed

Is composed of fine grasses, but less expensive than those used in our Evergreen Mixture, and will give excellent results; especially adapted for embankments and terraces. Qt., 20c.; 2 qts., 35c.; (qt., post-paid, 25c.;) peck, 75c.; bush., 14 lbs., \$2.50.

A quart of Lawn Grass Seed will sow about 300 square feet. Three to four bushels are required to sow an acre. In-structions how to prepare and sow a lawn accompany each package.

Special Mixtures for Permanent Pastures and Mowing Lands

Price, \$2.50 per bushel: 10 bushels and over, \$2.25. Sow 2 to 2½ bushels to the acre. In the preparation of these mixtures for permanent pasture and mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, the range of temperature and the purpose for which sown, and if with or without a cross-

heavy, also climate, the range of temperature and the purpose for which sown, and if with or without a crop, should accommany each order.

JOHNSON & STOKES' No. 1 MIXTTRE FOR PERMANENT PASTURE. Contains, blended in proper proprtions for the purpose, the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow. Rough-Stalked Meadow, Alsike Clover, White Clover, Manimoth Clover. Bush., \$2.50.

JOHNSON & STOKES' No. 2 MIXTURE FOR PERMANENT MOWING. Contains, properly blended, Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Blode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bush., \$2.50.



A GRAND FLORAL NOVELTY **

Gosmos "Dawn" DWARF AUGUST FLOWERING

Commences Blooming in July and Continues till Frost



No. 934. The Cosmos is now one of our most popular flowers, but frequently, on account of its coming into bloom so late, the plants are destroyed by frost without having perfected a solitary flower. This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature alone is sufficient to stamp it as a novelty of the first class, and will make their successful cultivation possible in the most Northerly States and Canada; but added to this, it is of dwarf, compact growth, growing only 4½ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim to the first strong wind. The flowers are fully as large as in the best selections of the old type, the color is a beautiful white, relieved by a delicate tint of rose at the base of the petals, altogether the finest novelty introduced in many years. Price, 15c, per pott., 2 pkts., 25c. pkt., 2 pkts., 25c.



Grand New Strain of Annual Pinks

Dianthus Laciniatus Nanus (New Hybrids)

No. 1092. This grand new strain of the annual Pinks, with laciniated or fringed petals, gained and fixed out of the D. Laciniatus "Salmon Queen," introduced in 1895. This novelty differs from the well-known D. Laciniatus by its lower growth and much finer-colored flowers. The latter, varying in all shades from white to deep rose and even to purplish red, are all tinged more or less with bright salmon red or salmony searlet, and are distinguished by a dark ring around the centre. A group salmon red or salmony searlet, and are distinguished by a dark ring around the centre. A group of this new tribe in full bloom presents a beautiful and distinct aspect on account of these charming salmon colorings and of the great diversity of designs. The plants grow only about 10 inches high and are remarkable for their free flowering character. At our "Floracroft Gardens," where this seed was grown, there were no two plants alike, and they were a mass of bloom all summer, and are at this writing (October 14th) still throwing up at this writing (October 14th) still throwing up their charming flowers. Price, 10c, per pkt.

New Dwarf Sweet Pea, "Pink Cupid"

No. 2745. This little wonder, like the original Cupid, hails from California. It is not a sport from the original White Cupid, but an actual departure from its parent, the tail Blanche Ferry. In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from 6 to 8 inches high, and shooting up stems about six inches long, which bear, in full bloom at once, from three to four handsome blossoms, all borne close to the end of the stem. The standard is a bright rose-pink, while the wings are pure white or light pink. The wings are very large and finely formed. Price of originator's packets, 15c, each; 2 packets for 25c.



No. 1564

NEW MAMMOTH FLOWERING

"Allegheny Hollyhocks"



NEW MAMMOTH ALLEGHENY HOLLYHOCK, SHOWING TYPE OF FLOWER

A NEW TYPE OF HOLLYHOCKS

The flowers of this new variety

The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted toward the edge.

The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade.

Every bud to the top of the plant is developed into flowers, making the flowering season considerably longer.

The cut gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks.

Price, per pkt., 20c.; 3 pkts., 50c.

West India Rattle Box

CROTOLARIA RETUSA.

It is a low growing, profusely branching plant, having large, gol-den yellow, sweet-pea-like flowers. These are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a rattle, hence its name. pk ts., 25c.

...New... CUT-AND-COME-AGAIN

Sunflower "Stella"

"Helianthus Cucumerifolius Stella '

Additions to long-stemmed flowers for cutting are always welcome. This new Sunflower on that account should become a general favorite. It attains a height of 3 to 4 feet, and differs from the Helianthus Cucumerifolius, or Miniature Sunflower, by its larger and better-formed flowers of the purest golden yellow with black disc. The individual descriptors are formally described by larger and better-formed flowers of the purest golden yellow with black disc. The individual flowers are from 2½ to 3 inches across, and are borne on long stems well above the lively green foliage. Sown on a sunny spot, in April or May, flowers may be cut daily from the end of June until cut down by frost. Its regular growth and free-flowering habit make it useful for flower groups or as single specimens. Price, 10c. per pkt.

New Picotee Poppy

No. 2393. This choice new Poppy is dwarf in habit, and the flowers are more than semi-double, but its petals are not too crowded to divest them of their loose, graceful character. In color, every imaginable shade of self is included, not losing the delicate tints of Shirley, whereas a good percentage show the most delicate pencilings and flakes, giving the whole bed a character not hitherto seen in Poppies. Price, 10c. per pkt.



NEW SUNFLOWER "STELLA." Pkt., 10c.





Heliopsis Pitcheriana

No. 1516. This new hardy perennial is a perfect beauty, as the above photograph shows. It is a perpetual bloomer, with flowers about 2 inches in diameter, of a beautiful deep golden color, with deeper golden centre. They are of thick exture, with long stems, and keep fresh for a long time after cutting, and for this reason are far superior to Coreopsis Lanceolata, or to any of the Rudbeckias. The plants grow 2 to 3 feet in height, with a spread of 3 to 4 feet. No collection of hardy plants should be without this bright, free-blooming perennial. Price, 10c.



NEW ESCHSCHOLTZIA-"THE GOLDEN WEST."

NEW

Centaurea Margaritæ

No. 691. This is one of the most beautiful of recent introductions. Named after Queen Marguerite, of Italy, who is so well beloved by the people of that sunny land. The plants grow about eighteen inches high and are of the easiest culture. The large flowers are of purest white, deliciously scented, exquisitely laciniated, and freely produced on long stems, which render them valuable for cutting. We recommend it as a highly decorative and particularly valuable white-flowering plant. In unique beauty it is entirely unlike any other flowering plant and sure to excite admiration wherever grown.

New Eschscholtzia — "The Golden West"

No. 1185. The flowers of these new giants measure from 4 to 6 inches in diameter. They have very large overlapping petals, often delicately waved at the edges. They are beautifully and variously formed. Some are flat and wide open, some saucershaped, others very deep with flaring edges. Color light canary yellow with an orange blotch at the base of each petal. Words are inadequate to describe the wondrous beauty of these magnificent flowers. Their intense and shining color, immense size and lovely forms call forth the most enthusiastic expression of admiration. Price, per pkt., 15c.





2-YEAR-OLD PLANT CRIMSON RAMBLER.

HARDY MEMORIAL ROSE

(Rosa Wichuraiana)

Creeps on the ground like ivy. Has dark green leaves and numberless satiny white flowers, with golden yellow discs. Hardy as grass and will grow in sun or shade. Specially adapted for use in cemeteries. Price, 20c. each: 3 for 50c.

CAROLINE MARNIESSE. (Noisette.) that is always in bloom. As a bedding rose this variety has no superior. It is literally a **continuous** bloomer. The blossoms are blush white, small but full, and borne in tory pretty clusters. The bush is low, growing about 18 to 24 inches, and especially adapted for a border. Price, 20c. each; 3 for 50c.

ROSA RUGOSA. The lovely Romanas or Rugosa Roses form sturdy bushes three to five feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers. They bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods. A hedge of these beautiful plants is a constant joy. Free from insects. Plants, 15c. each; 2 for 25c; 10 for \$1.00.

Choicest Roses

A Bunch of the New Ramblers

NEW YELLOW RAMBLER. (Aglaia.) An absolutely hardy yellow climbing rose. The blossoms are of moderate size and last three to four weeks without fading, and are frequently borne in clusters of from 120 to 150 flowers.

NEW PINK RAMBLER. Color a clear light red, with numerous golden anthers. A very profuse bloomer

and vigorous grower.

NEW WHITE RAMBLER. Pure white, otherwise similar in every particular to Yellow Rambler.

CRIMSON RAMBLER. As we become more acquainted with the sterling qualities of this crimson beauty we find we have not praised it to the full measure of its deserts. No garden or yard should be without it.

Price of each of above Ramblers, 20c. each RAMBLER COLLECTION (1 each) FOR 60c.

LORD PENZANCE'S HYBRID SWEET BR

These are crosses between the Common Sweet Briar and various old-fashioned Garden Roses. The flowers are single or semi-double. The plants are very vigorous and perfectly hardy, and the foliage of all of them is as sweetly scented as the Common Sweet Briar. They form a distinct break from

the Common Sweet Briar. They form a distinct break from any class of rose yet in commerce.

ANNE OF GEIERSTEIN. Dark pink, followed by an abundance of pretty clustered bunches of hips; branching habit. One of the best of the collection.

BRENDA. Blush white; dainty in color and shade; the contrast and effect of the bright golden anthers add peculiar charm to this variety. Should be in every selection.

tion.

MEG MERRILES. Gorgeous crimson; very free-blooming; seeds abundantly. The best of the dark-colored

JULIE MANNERING. Soft pearly pink. Price of each above Sweet Briars, 20c. each.

SWEET BRIAR COLLECTION
1 Each 4 Sweet Briars and 1 Hardy Memorial Rose for 75c.



HARDY MEMORIAL ROSE. (Rosa Wichuraiana.) 20c. each.

Tea or Everblooming Roses

Hardy Perpetual Roses

Choicest TEN TEAS for \$1.00

KAISERIN AUGUSTA VICTORIA - Creamy White. BELLE SIEBRECHT-Deep Clear Pink. BRIDESMAID-Brilliant Pink SOUVENIR DeWOOTTON-Superb Crimson.

PERLE DES JARDINS-Canary Yellow.

THE BRIDE-Pure White.

MADAM CAROLINE TESTOUT-Satiny Pink. METEOR -Rich Dark Velvety Crimson.

MADAM ELIE LAMBERT-White and Rosy Flesh. MARION DINGEE-Deep Brilliant Crimson.

Price of each of above, 15c. each, \$1.50 per dozen. Set of ten sorts, \$1.00.

Other Varieties of Tea Roses

MRS. PIERPONT MORGAN. Flowers sometimes measuring 4½ inches through. Color clear, intense cerise or rose-pink. Fragrant, beautifully formed and lasting.
WHITE PERLE DES JARDINS. This new sport from the old reliable Yellow Perle has every good point of its parent, but is of a soft, beautiful white.
SOUVENIR DE LADY ASHBURTON. A large rose of perfect form, of a fine shade of rich coppery red.
LOUIS PHILIPPE. Dark, rich crimson, free bloomer, excellent for bedding.

excellent for hedding.

CLOTHILDE SOUPERT. A new fine white bedding rose, deepening to rosy blush in the centre.

THE QUEEN. A splendid pot rose. Color, pure snowy

THE QUEEN. A splendid pot rose. Color, pure snowy white; exquisitely scented.

BON SILENE. This splendid old variety is valuable for summer or winter bloom; color, brilliant carmine.

CATHERINE MERMET. Very large pointed buds; color, clear rosy pink; full, double and fragrant.

HERMOSA. The most popular bedding rose in cultivation I tis of a bright pink color, perfectly hardy.

PERLE DES JARDINS. Canary yellow; large, wellformed buds and flowers on strong stems; free bloomer.

MARIE GUILLOT. Extra full and double flowers.

Tea-scented, pure snow white in color; always in bloom.

PAPA GONTIER. One of the finest roses either for out-of-doors or for winter forcing; dark carmine crimson.

Prices of each of the above Tea Roses, 12c. each, or \$1.40 per dozen, or the choice collection of 12 varieties for \$1.25.

This collection of 12 sorts, together with the "choicest ten" Teas at top of page, making 22 choice Tea Roses, for \$2.00.

Climbing Roses

CLIMBING NIPHETOS. Identical with the true old Niphetos, but of a climbing labit. Color, pure white, with pale lemon centre; beautiful long pointed buds; very fra-

pale lemon centre; beautiful long pointed buds; very fragrant.

CLIMBING PERLE DES JARDINS. A sport from the well-known favorite, Perle des Jardins, and a rose that will be of permanent value either for growing indoors or in the open ground. The flowers are deep canary-yellow.

CLIMBING HERMOSA. Clear, bright pink flowers, medium size and fragrant, a strong grower and free bloomer.

PRAIRIE QUEEN. Clear, bright carmine-pink, sometimes with a white stripe; compact and globular; very double and full; blooms in clusters.

MARECHAL NEIL. (Noisette) A most beautiful large golden-yellow rose; very full and double, and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short.

pruned too short

PRICES of each of the above 5 climbers, 15c. each; 4 for 50c.; or 1 each of the 5 sorts for 60c.

Choicest TEN for \$1.50



MARGARET DICKSON. (Novelty.) 25c. each.

MARGARET DICKSON. (Novelty). The flower is of quificent form and very large. In color it is the most magnificent form and very large. In color it is the most beautiful waxy white; a lovely shining white, with almost the lustre of a pearl. 25c, each.

cLio. (Novelty.) Flesh-color. This is one of the finest roses we have yet seen, and we predict for it, as soon as known, the greatest popularity. It has the most delicate texture and coloring imaginable, a beautiful globular form, and in size it is something truly striking. 25c. each.

HELEN KELLER. (Novelty.) A magnificent variety, of most perfect form. The color is a brilliant rosy cerise. The petals are large, shell-shaped and very prettily rolled back from the centre of the flower. The flowers are large, very full and fragrant. 25c. each.

MARCHIONES OF LORNE. (Novelty.) Large full

MARCHIONESS OF LORNE. (Novelty.) Large, full, cup-shaped; buds long and handsome; rich, shining rosecolor, shaded with vivid carmine; remarkable for its perpetual flowering. 25c. each.

AMERICAN BEAUTY: Very large and very double; color a deep rich rose. The fragrance resembling the old-tashioned Damask Rose. 15c. each.

LA FRANCE. Peach blossom color, shaded pink and silvery rose. 15c. each.

MRS. JOHN LAING. An exquisite shade of shell-like pink, deliciously fragrant, of the largest size. 15c, each.

GENERAL JACQUEMINOT. Rich velvety crimson, changing to scarlet crimson. 15c, each.

DINSMORE. A vigorous and free blooming rose, of a rich scarlet crimson color. 15c. each.

GLOIRE DE MARGOTTIN. Dazzling red, the most brilliant yet known. 15c. each.

Banner Collection of Hardy Roses (including the 4 Novelties . 10 for \$1.50.

New Hybrid Tea Everblooming Rose SOUVENIR DU PRESIDENT CARNOT

A Hybrid Tea Rose of the greatest promise. It is unques-A Hybrid Tea Rose of the greatest promise. It is unquestionably the finest Rose of its color introduced in a decade. The growth is vigorous, the foliage dark green and very handsome, but the glory of the variety is in its flower. It is very large, both in the bud and in the expanded flower, double to the centre, and opens beautifully. The coloring is a rosy flesh, very soft in the centre, and shaded with a lighter flesh at the end of the petals. The bud is as long as Niphetos, but not quite so pointed, and is very much fuller at the base. Price, 20c. each; 3 for 50c.



Asparagus Sprengeri

A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, are of a rich shade of green and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. No introduction of recent years has made such a favorable impression upon us as this graceful Asparagus. 20c. each; \$2.00 per dozen.



NEW LUXIONE VIOLET, 25c. each

New Violets

New Mammoth Single Blue Violet, Luxione

The Luxione is a grand new French variety. The Luxione is a grand new French variety. Single flowers as large as a stundard silver dollar. Deep ultramarine blue color and delicious fragrance. The upper petals, as shown in the illustration, are wider and better formed than in the California. It is a great improvement on that popular variety. Price, 10c. each; \$1.00 per dozen.

PRINCESS OF WALES. Another grand single variety. A shade lighter in color than Luxione, and very fragrant. Price, 10c. each; \$1.00 per dozen.

VIOLETS—Continued.

New California Violet

THE CALIFORNIA VIOLET is the most robust grower of all violets; flowers the size of a silver dollar; stems ten to fourteen inches in length; color and fragrance perfect; free from disease. Price, 10c, each; 6 for 50c.; \$1.00 per dozen.

free from disease. Price, 10c. each; 6 for 50c.; \$1.00 per dozen.

Violet, Marie Louise

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flowers alone, to supply the cut-flower merkets of the country during the winter season. Price, 10c. each; 6 for 50c.; \$1.00 per dozen.

Violet, Swanley White

The best pure white variety. Flowers perfectly double and fragrant. Price, 15c. each; 4 for 50c.; \$1.00 per dozen.

Violet, Lady Hume Campbell

A fine double blue variety. A great favorite with florists. 10c. each; 6 for 50c.; \$1.00 per dozen.

Violet Collection, 6 for 75c. One plant each of the above six varieties, for 75c.

Actinidia Polygama A New Japanese Climber-Very Choice.

The above illustration was kindly loaned to us by Prof. L. H. Bailey, of Cornell University, who had it prepared for his forthcoming "Cyclopedia of Horticulture." He speaks of this new vine in the following favorable terms:

"ACTINIDIA POLYGAMA is a Japanese vine belonging to the Camellia or tea family. It is a woody climber, with large and very thick and glossy leaves, a strong grower, exceedingly hardy in central New York, and so far entirely free from any attack of insects or fungi. It bears large plumshaped, greenish fruits which are edible, having a slightly fig-like flavor. The flowers are in clusters of two or three, white, about one inch across, and fragrant. The whole aspect of the vine is very attractive, and it is one of the very best, of the vine is very attractive, and it is one of the very best, if not the best, of arbor vines for the North." Price, 25c. each; 5 for \$1.00.

HARDY CLEMATIS

Our Clematis are strong two-year-old plants, and the assortment we offer is the cream of all. Plant the crown of the roots at least 3 inches below the surface of the soil.

DUCHESS OF EDINBURGH. The best of the Double Pure Whites, deliciously scented.

HENRYII. A pure white, large flowering variety, of fine form, and recognized as by far the finest of the single white sorts.

white sorts.

LILACINA FLORIBUNDA. An exquisite ultramarine

MADAM BARON VEILLARD. An exquisite laven-

der pink, a fine contratto the stronger-colored sorts.

Viticella Kermesina. A beautiful dark crimson.

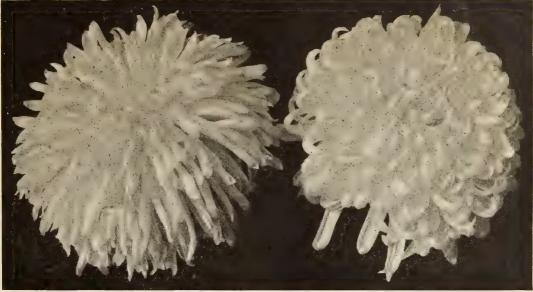
Price of each of the Hardy Clematis, 40c. each; 3 for \$1.00.

Frice of each of the Hardy Clematis, 40c. each; 3 for \$1.00.

Fragrant White Clematis

CLEMATIS PANICULATA. One of the most beautiful of our hardy fall-blooming vines. The flowers are pure white, very fragrant, and are borne in great panicles or clusters of bloom, fairly covering the plant, so that it is a mass of fleecy white; the fragrance is delicious. Price, 20c. each; 3 for 50 cents; 6 for \$1.00.





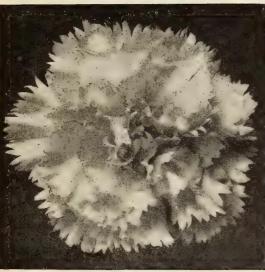
MRS. GEO. M. PULLMAN.

Choicest Chrysanthemums

CHOICEST CHTY SAITUREITHUITS
HELEN BLOODGOOD. Beautiful clear pink.
MRS. GEO. M. PULLMAN. (See cut.) Large yellow.
EUGENE DAILLEDOUZE. Grand clear yellow.
PHILADELPHIA. White with lemon yellow.
IVORY. Satin white. (See cut.)
GEO. W. CHILDS. Self-colored crimson.
LADY PLAYFAIR. Incurved pearly pink.
MISS FLORENCE PULLMAN. Grand white.
PITCHER AND MANDA. Yellow centre, white edge.
GOLDEN WEDDING. Twisted yellow.
Price. 15c. each, or the 10 for \$1.00. GOLDEN WEDDING. Twisted Price, 15c. each, or the 10 for \$1.00.

Hardy Pompone Chrysanthemums

These beautiful hardy sorts are again coming to the front and are being largely planted for out-door bedding. 6 choice sorts, all different, for 50c.



NEW CARNATION, EL DORADO.

Choice Carnations

All Elegantly Fringed and Deliciously Fragrant EL DORADO. Deep canary yellow, the fringed edges regularly outlined with rosy carmine. A new and very attractive sort (see cut).

IVORY.

CARNATIONS—Continued
PRINCESS BONNIE. A new and distinct variety; deep flesh, overlaid with satiny blush, striped and splashed with earmine lake and rose pink; rich fragrance.
WM. SCOTT. Flowers large, deep pink; stems long, of good strength, very fragrant, deep pink; stems long, of good strength, very fragrant.

AMERICAN FLAG. The most distinct striped carnation yet introduced. Brilliant scarlet, with clear white splashes and stripes, very fragrant.

THOMAS CARTLEDGE. A pure shade of carmine pink; stems long and erect, flowers full in centre, of fine form, fragrant and productive, very striking.

DAYBREAK. The color is exquisite, a charming shade of flesh pink; delicious fragrance. A leading favorite.

HELEN KELLER. Color, clear white, delicately and very evenly marked with bright scarlet, giving it a very pleasing and effective appearance.

LIZZIE McGOWAN. A splendid white variety, as yet unsurpassed for size, form, constitution and habit.

Price of each above choice Carnations, 15c. each; \$1.40 per dozen.

per dozen.

FAVORITE CARNATION COLLECTION. One plant each of above 8 sorts for \$1.00.

Large Flowering French Cannas

Two Grand Orchid-Flowered Cannas
ITALIA. AUSTRIA
ITALIA is of a bright orange scarlet, with a very broad
golden yellow border; the flowers, which are six inches
across, are produced on massive stems about sixteen inches

across, are produced on massive stems about sixteen inches long, set well above the foliage. 25c. each; 6 for \$1.00.

AUSTRIA is a counterpart of Italia in every way, except in the color of its flowers, which are of a pure canary yellow, with but a few traces of small reddish brown spots in the centre of the two inside petals. 20c. each; 6 for \$1.00.

NEW SEEDLING CANNA, "BETHY STOKES."
The finest clear spotless yellow yet introduced. Petals broad and firm. A continual and magnificent bloomer. Height, 3½ feet. Price, 20c. each; 6 for \$1.00.

QUEEN CHARLOTTE. The queen of the gilt-edge varieties. In color it is an intense velvety crimson, melting into rich, broad, golden-yellow bands on the edges of the petals.

FLORENCE VAUGHAN. A bright, rich golden yel-

FLORENCE VAUGHAN. A bright, rich golden yellow, spotted with bright red.
PAUL BRUANT. An intense shade of orange scarlet, with a peculiar satiny surface.
MADAME CROZY. A dazzling crimson scarlet, bordered with golden yellow.
CHARLES HENDERSON. Large fiery crimson.
EGENDALE. Large, bright, cherry-red flowers.
PAUL MARQUANT. A bright salmon scarlet.
CAPTAINE P. DE SUZZONI. A rich canary yellow, spotted with clinamon red.

spotted with cinnamon red.
FRANCOIS CROZY. Bright orange, bordered with a

FRANCOIS CROZY. Bright orange, bordered with a narrow edge of gold.

PRICE of any of above, except where price is given, 15c. each, or 8 for \$1.00.

ENTIRE SET including ITALIA and AUSTRIA, one each, making a magnificent collection of 12 varieties, for \$1.50.

CANNA ROBUSTA. The large-leaved variety for tropical effect. 10c. each; \$1.00 per dozen.





NEW DAHLIA, CLIFFORD W. BRUTON.

NEW DAHLIAS

Newest and Best

The old favorite is again coming to the front in new forms and colors

NEW CACTUS DAHLIA.

"Clifford W. Bruton."

This superb, new variety, is acknowledged by all who have seen it to be the finest Yellow Cactus Dahliae ever produced. The flowers are five to six inches in diameter, of a solid, pure yellow, the clearest, richest yellow we ever saw. Price, 40c. each; 3 for \$1.00

NYMPHÆA. (The Pink Water Lily Dahlia.) The flowers are of perfect form, always full to the centre; of exquisite finish, being soft, delicate, waxy and graceful. The color is a clear, bright shrimp pink, shading slightly darker toward the outer settle.

LADY MONTAGUE. Cactus variety, rich, fiery

salmon and cerise.

KYNERITH. Cactus, brilliant vermilion.

KYNERITH. Cactus, brilliant verminon.
OBAN. Delicate fawn.
JOHN BRAGG. Richest black maroon.
GLORIOSA. Rich velvety crimson.
JOHN WALKER. Show pure white.
Price of the above choice Dahlias, except
where priced, 20c. each, or the 8 for \$1.25 (including
C. W. Bruton), by mail, post-paid.

MIXED DAHLIA ROOTS. Not having space to give all our named sorts in this catalogue, we offer a grand mixture, no two alike, at the extremely low price of 15c. each; 2 for 25c.; \$1.25 per dozen.

Herbaceous Pæonies

Magnificent hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragnant. They are perfectly hardy, require little or no care and produce larger and care, and produce larger and finer blooms when well established.

AGIDA. Beautiful dark red.

CAROLINE ALLAIN. Blush, centre sulphur with white

CYTHEREE. White, centre carmine bordered.

EDULIS SUPERBA.
Light violet rose, white



ROYAL PURPLE A fine foliage plant. Price, 15c. each; 4 for 50c.



UMBRELLA PLANT. "Cyperus Alternifolius." A very interesting plant, largely used in aquariums. 15c. each; 4 for 50c.

H. PÆONIES (Continued.)

TRICOLOR GRAND-IFLORA. Rose, centre

rose and salmon.
TRIOMPHE DE PARIS. White, centre yellowish. Extra, FESTIVA. Pure white.

MAXIMA. Pink white, light yellow centre.
PRINCESSE MATHILDE. Fresh rose.

PROLIFERA TRI-LOR. White, centre COLOR. White, centre spotted yellow.
Price of each, 25c., or set of 10 for \$2.00.



BEGONIA REX.

Begonia Rex
(Painted Leaf Varieties.)
We offer the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. 20c. each; 3 for 50c.

Swainsonia

A lovely white flower on feathery foliage. Price, 15c. each; 4 for 50c.

NOVELTY PLANT COLLECTION Swainsonia, 1 Royal Purple, 1 Umbrella Plant, 1 Begonia Rex

FOR 50 CENTS



General bist of Flower Seeds

NUMBERS—To save you the trouble of writing out the names, each variety is numbered; therefore please order by number.

DISCOUNT—50 cents' worth of seeds, extra, will be allowed on each \$1.00 sent for seeds in Packets. Thus, anyone sending \$1.00 can select seeds in Packets to the value of \$1.50.



SPRING IS HERE.

- 40. ABRONIA UMBELLATA. trailer for vases, rock work, etc. Pkt., 5c. Charming annual
 - 45. ABUTILON. Mixed; tender perennial. Pkt., 15c.
 - 50. ACROCLINUM. Mixed; annual. Pkt., 5c.
- 60. ADLUMIA CIRRHOSA. Allegheny vine. Pkt.,

AGERATUM

- 100. Mexicanum. Lilac blue. Pkt., 5c.
 101. Løsseauxii. Beautiful rose color. Pkt., 5c.
 102. Choice Mixed. Per oz., 25c.; pkt., 5c.
 104. White Gem. Very dwarf, free flowering. Pkt., 5c.
 105. Little Dorrit. Azure blue. Pkt., 5c.
 106. Swanley Blue. Large flowers; fine. Pkt., 5c.

ALYSSUM

- 140. Sweet Alyssum. Oz., 20c.; pkt., 5c.
 141. Tom Thumb. Dwarf. Oz., 25c.; pkt., 5c.
 142. Little Gem. Distinct; very dwarf. Oz., 40c.;
- Saxatile Compactum. Perennial; yellow. Pkt., 143. 5c.

AMARANTHUS

- 160.
- 162.
- 164.
- Caudatus (Love-lies-bleeding). Pkt., 5c.
 Tricolor (Joseph's Coat). Pkt., 5c.
 Cruentus (Prince's Feather). Pkt., 5c.
 Salicifolius (Fountain Plant). Pkt., 5c.
 Henderi. Bronze and olive-green. Pkt., 5c.
 Marguerite. Beautiful purple flowers. Pkt., 5c.
 Firebrand. Blood red, bordered yellow. Pkt., 5c.

AMPELOPSIS VEITCHII

180. Boston Ivy (see cut). Oz., 25c.; pkt., 5c.

ANTIRRHINUM (Snapdragon)

- 220. Nanum. Dwarf, mixed. Pkt., 5c.
 221. Majus. Tail, mixed. Pkt., 5c.
 222. Niobe. A beautiful new variety. Tips of the flowers are a velvety crimson maroon, while the tubes are pure white. Pkt., 10c.
 223. Queen of the North. Large pure white; fine for bedden bedden bedden.
- 223. Queen of the No beds or borders. Pkt., 10c.

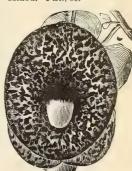
AQUILEGIA (Columbine)

240. Single Varieties. Mixed. Pkt., 5c. 241. Double Varieties. Mixed. Pkt., 5c. 242. Chrysantha (Golden Spurred). Beautiful long yellow spurs; fine. Pkt., 5c. 243. Chrysantha Alba.

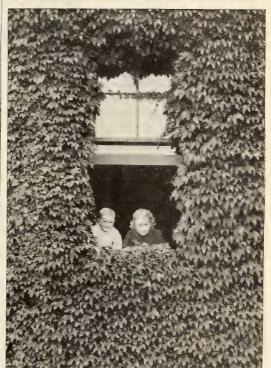
243. Chrysantha Alba. Pure white, long spurred variety; very fine. Pkt., 10c.
244. Skinneri. A magnificent columbine, crimson sepals, light green petals, and long crimson spurs. Pkt., 10c.
245. Cœrulea. Violetblue and white. Pkt., 10c.

(Dutchman's Pipe) 260. Sipho. A rapid growing climber with curi-

ous purple flowers. Pkt., 10c. 261. Elegans. Like above, except flowers much larger and spotted white. A very desirable vine. Pkt.,



ARISTOLOCHIA ELEGANS.



(BOSTON IVY.)

"Good Morning. We are up for all day and ready for anything. This beautiful vine is the 'Ampelopsis Veitchii,' but we never call it by that long name. We call it The Boston Ivy. You can buy the seed of Johnson & Stokes, if you want to, and raise it yourself. 10c. per packet; 3 pkts., 25c. It is perfectly hardy, and so are we. Price of plants, 25c. each; \$2.00 per dozen. We are not for sale."



♦SUPERB + ASTERS♠

PÆONY FLOWERED PER-FECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long in-curved petals. The florists' Aster, and one of the finest.

				1	PER	PK1
321.	Snow white				. 8	0 10
322.						10
	Brilliant rose			٠		10
323.						
324.						10
320.	Carmine, edged white					10
325.	Dark rose, " " Blue, "	۰				10
319.	Blue, " "					10
326.	Choice mixed sorts .					10
DW	ARF CHRYSAN	Т	Ή	I E	ΞM	UN

FLOWERED ASTERS

Plants only ten to twelve inches high producing flowers of the largest size and choicest colors.

	PER PKT
327.	A. Chrysanthemum Flow-
	ered, Mixed
328.	A. Chrysanthemum Flow-
	ered, pure white 10

VICTORIA ASTERS

A magnificent race of Asters. colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eightraches high teen inches high.

	Pure white									
	Deep pink .									
357.	Light blue								10	
358.	Deep scarlet	۰		۰	۰		۰		10	
	Peach blosso								10	
360.	Choice mixe	ŀ	SO	rt	S				10	

PHOTOGRAPH NEW BRANCHING ASTER.

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, re-sembling the Japanese Chrysanthemum.

														PKT
345.	Pure white .									۰			. 80	10
346.	New carmine													10
348.	Deep pink													10
349.	Delicate pink,	ed	ge	d v	vh	it	е							10
347.	Choice mixed	SO	rts									i		10

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

				PER	
331.	German	Quilled.	(Betteridge's Prize.) Mixe	d \$0	05
332.	6.6		Pure white		

DEEP SCARLET TRIUMPH ASTER

333. This is undoubtedly the most beautiful and perfect 333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 10c.

NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

0.00	PE	R PKT.
351.	Apple Blossom. Shell pink	\$0 10
352.	Crimson. Very showy and handsome	10
353.	Deep Rose. An excellent color	10
	I pkt. each of these 3 Glorious Asters, 25c.	
354.	New Jewel. Mixed colors	1,0

NEW YELLOW ASTER

NEW YELLOW ASIER

361. A Yellow Aster is at last at our disposal. It is a double flower in the form of a perfect ball; the quills are close together, and of the brightest sulphur-yellow, not a mere indication of the color, as in all former productions. The border petals are broad and of a lighter tint, seeming to enclose the flower like an old-fashioned bouquet paper. The flowers are borne upon long, erect stems, excellent for cutting. The plants are twelve to fifteen inches high, of compact, bushy growth, and most abundant bloomers. Per pkt., 10c.; 3 pkts. for 25c.

NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly grossful and proposed and p ingly graceful, and are borne erect on very long stems.

					I	ER	PKT.
310.	White Branching Aster					. \$0	10
311.	Crimson Branching Aster		۰				10
313.	Shell Pink Branching Aster		4				10
312.	Finest Mixed Branching Aster				-		10

NEW DWARF QUEEN ASTER

The dwarf, bushy plants grow only ten to twelve inches high, and while branching very freely, the branches are upright (not loose in habit), making a dense, compact bush, The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria Asters in form.

				PER PKT.
335.	Satin White Queen. Spotless white			\$0 10
336.	Crimson Queen. Rosy crimson	٠		10

NEW PEARL ASTER

This entirely new and distinct class of Asters is superior to most other types. The plants form handsome pyramids about fifteen inches high, and are literally covered with a mass of the most perfect flowers, round in shape and three and one-half to four inches in diameter, finely and fully imbricated, and borne on long stems.

337. 338.	New	Pearl.	Mixed Pure	white							10	
					~	~ ~	 -					

CROWN ASTER

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, eighteen inches to two feet. Pkt., 10c.; 3 pkts., 25c.

POPULAR MIXTURE OF ASTERS

362. This is a mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. This mixture, being made by ourselves, we know contains only the most salable colors for cut flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., \$1.25. 363. White Asters in Mixture. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.



ASPERULA

A profuse blooming plant, bearing many clusters of all, sweet-scented flowers; very pretty for bouquets. Hardy annual.

300. A. Odorata (Sweet Woodruff). Pkt., 5c.

301. A. Setosa. Sky blue. Pkt., 5c.

AURICULA (Primula Auricula)

Choice Mixed. Saved from a choice collection. 350. Pkt., 10c.

BALLOON VINE

340. A fast growing climber. Pkt., 5c.



ROYAL CAMELLIA FLOWERED BALSAM.

BALSAM (Lady's Slipper)

380. White Perfection. The finest; pure white. Pkt., 10c.

281 387.

384

Double Scarlet (The King). Pkt., 10c.
Double Pink (Peach Blossom). Pkt., 10c.
Double Solferino. Striped. Pkt., 10c.
Double Mixed Sorts. Pkt., 5c.
Royal Camellia Flowered, Prize Mixed. A fine strain of very double flowers of exquisite shades. Pkt., 10c.

BELLIS (See Daisy)

BEGONIA

420. Single Tuberous Rooted. Mixed. Pkt., 15c.
421. Double Tuberous Rooted. Mixed. Pkt., 25c.
422. Rex Hybrids. Variegated foliage. Pkt., 25c.
423. Vernon. Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c

BROWALLIA (Amethyst)

Handsome annuals with blue or white flowers

470, Elata Cerulea, Sky blue. Pkt., 5 471. Elata Alba. Pure white. Pkt., 5c. 472. Mixed Varieties. Pkt., 5c.

CACALIA (Tassel Flower)

C. Mixed. Golden yellow and scarlet. Pkt., 5c. C. Coccinea. Scarlet. Pkt., 5c. 480

CANARY BIRD FLOWER

490. (Tropæolum Canariense.) A beautiful climber. Pkt., 5c.

CALCEOLARIA

520. C. Hybrida Grandiflora, Tall Mixed. 20 in. Pkt., 25c.

521. C. Hybrida Grandiflora Pumila Compacta, Mixed. A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 ft. Pkt., 2 c.

522. C. Rugosa. Small flowering varieties for bedding, of the finest colors; 2 ft. Pkt., 25c.

523. James's Giant. This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt, 35c.

CALENDULA (Marigold)

544. "Orange King." The grandest of all the double Pot Marigolds. Flowers of considerable size and remarkably double. The outer florets are slightly imbricated, while those of the centre are incurved like the petals of a Pæony. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.

545. "Lemon Queen." Just as fine as the Orange King, but a clear lemon yellow. Flowers 4 to 5 inches in diameter, globular in form and beautifully finished. Pkt., 5c.

540. Meteor. Double yellow striped orange. Pkt., 5c.

541. Prince of Orange. Pkt., 5c.

542. Ranunculoides, Fl. Pl. (Cape or Garden Marigolds.) Deep orange color; 1 ft. Pkt., 5c. 543. Calendula. Fine mixed. Pkt., 5c.; oz., 15c.

CAMPANULA

606. Pyramidalis, Mixed. A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.

600. Speculum (Venus' Looking-glass). Pkt., 5c.

603. Carpatica. Mixed. Pkt., 5c.

CANTERBURY BELLS (Campanula Media)

601. Single Mixed. Pkt., 5c.

602. Double Mixed. Pkt., 5c.

604. CUP and SAUCER Varieties are a very striking and beautiful variety of Canterbury Bells. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 10c.

605. C. PUNCTATA, NEW SPOTTED BELL FLOWER. An elegant, new, perfectly hardy perennial, about 1½ feet high. The pendulous, bell-shaped flowers are milk white, dotted and striped with red on the inner surface, and as large as the well-known Canterbury Bells. Pkt., 10c.; 3 pkts., 25c.

CANDYTUFT (Iberis)

620. I. White Fragrant. Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

621. Crimson. Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. WHITE ROCKET. Large trusses of pure white flowers; 1ft. Pkt., 5c.; oz., 20c.
623. White Tom Thumb. A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. Fine Mixed. Pkt., 5c.; oz., 20c.

C. NEW EMPRESS. One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer Tom Thumb sort. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.; oz., 40c.

CANNAS

645. Crozy's Dwarf Large Flowering French. In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, searlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. Mixed. Pkt., 10c.; 3 pkts., 25c.; oz., 30c.

640. C. Marechal Vaillant. Foliage rich maroon; large bright orange flowers; 5 ft. Pkt., 5c.

641. Tricolor. Foliage green, red and creamy yellow; ght scarlet flowers; 3 ft. Pkt., 5c. bright scarlet flowers; 3 ft.

642. Finest Mixed. Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643, C. Gigantea. 8 ft. Pkt., 5c.



Carnation or Picotee Pink

(Dianthus Caryophyllus Flore Pleno.)



MARGUERITE CARNATION. Pkt., 10c.; 3 pkts., 25c.

Carnation Marguerite

663. Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter. house and will flower abundantly throughout the winter, though if intended specially for winter flowering, it will be better to sow later in the season. The plants are compact and robust in habit, supporting themselves without the use of unsightly stakes. (See cut.) Pkt., 10c.: 3 pkts., 25c. 666. NEW DWARF LARGE FLOWERING MARGUERITE. An improvement on the above in size of flower, dwarfer and more stocky plants. Per pkt., 15c. 660. Scarlet Grenadin. Very early and floriferous; large and fine double flowers, of a brilliant scarlet color. Pkt., 10c.

Pkt, 10c.
661. Finest German Double, Mixed. Saved from extra choice named double flowers. Pkt, 15c.
662. Fine Double Mixed. Comprising the hardiest and best varieties for garden culture: 1½ ft. Pkt., 10c.
664. FINEST DOUBLE STRIPED. Pkt, 10c.

THE GILLAUD OR RIVIERA MARKET

665. The Gillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant, and last a long time, either cut or on the plant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

NEW DOUBLE PERPETUAL (CHABAUD)

667. As early as the Margaret Carnation, this new sort will be found invaluable for florists. The plants grow up to 20 inches in height, are very even in growth, and have handsome foliage. The stalks are very stiff, like wire, and the flowers large and very double. The calvx rarely ever bursts, and the percentage of double flowers is very great, about 90 per cent. Pkt., 25c.

******** Our New Books

FARM GARDENING and IRRIGATION BY CHEAP MODERN METHODS will tell you just what you want to know, in just the way you want to be told. They are sent free with all \$3.00 and \$5.00 orders of Vegetable and Flower Seeds. See second cover, opposite page 1.

Celosia (Coxcomb)

CRISTATA, OR CRESTED VARIETIES

675. DWARF CRIMSON. Large combs. Pkt., 5c. 676. VARIEGATA. Crimson and gold. Pkt., 5c. 677. JAPONICA. Ruffled searlet combs. Pkt., 5c. 678. GLASGOW PRIZE. Immense crimson. Pkt., 5c. 680. QUEEN OF THE DWARFS. Only 8 inches high; combs often 10 inches across; dark searlet. Pkt., 10c. 681. EMPRESS. Mammoth bright purple combs; bronze foliuge. Pkt. 10c.

foliage. 674. PRESIDENT THIERS. Very dwarf crimson.

Pkt., 5c. 679. CRISTATA. Mixed; all sorts. Pkt., 5c.

FEATHERED VARIETIES

TRIOMPHE d'EXPOSITION. Large feathery 683. crimson plumes. Pkt., 10c. 684. FIRE FEATHERED. Very branching, intense

673. PLUMOSA SUPERBA. Mixed. Pkt., 5c.

NEW CELOSIA "OSTRICH FEATHER"

This new Feathered

Celosia pro-duces very large plumes, which are exquisitely curved and

curled in exact resemblance of an ostrich feather. The plant grows about

three feet high, is of handsome pyramidal form and the

numerous massive

plumes wav-ing grace-fully above the foliage make it one of the most

effective or-namental

plants for

either pot or outdoor cul-ture. It is of easy cultiva-tion, requir-ing the same



treatment as the ordinary coxcomb. OSTRICH FEATHER CELOSIA. 682. Crimson and Orange. Mixed, per pkt., 10c.

CENTAUREA (Dusty Miller) Extensively used for margins, beds and vases. Half-

hardy perennial. 685. Candidissima. hardy perennial.
685. Candidissima. Attractive, silvery, cut leaves.
Half-hardy perennials; 1 ft. Pkt., 10c.
686. Gymnocarpa. Graceful, finely cut, silvery gray
leaves. Half-hardy perennials, 1½ ft. Pkt., 10c.

CENTAUREA (Cyanus)

(Blue Bottle or Corn Flower) 689. WHITE (Alba Pura) 690. DWARF VICTORIA. Very dwarf, beautiful 5 10 5

Chrysanthemums SINGLE ANNUAL VARIETIES

704. Selected Mixed Varieties. Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and part 15d. Pkrt 5d.

mottled. Pkt., 5c.

708. C. MAXIMUM. A grand addition to our cellection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 10c.; 3 pkts., 25c.





CINERARIA-JAMES'S GIANT. Pkt., 35c.

CINERARIA

742. James's Giant Flowering. An unrivalled strain, both in variety of color and marking and size and quality of bloom. Blooms measure 2½ to 2¾ inches in diameter. bloom. Pkt., 35c.

740. Maritima Candidissima (Dusty Miller). Pkt., 5c. 741. Acanthifolia (Dusty Miller). Pkt., 5c.

CLARKIA

761. Elegans (*Purple King*). Pkt., 5c. 760. Single Mixed. Pkt., 5c. 762. Double Mixed. Pkt., 5c.

CLEMATIS

780. Jackman's Large Flowering Hybrids. Pkt., 10c.

781. Coccinea Scarlet. Tubular flowers. Pkt., 10c. 783. Flammula. White, sweet scented. Pkt., 5c. 784. Paniculata. One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

800. A showy annual, producing curious heads of flowers, of bright rose color, with long stamens, giving it the name of the Giant Spider Plant. Pkt., 5c.

CLINTONIA

820. Elegans. For hanging baskets; blue. Pkt., 5c.

COBEA

840. Scandens. A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to a beautiful deep violet blue. Half-hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

COLEUS

860. Fine Hybrids. Pkt., 15c.

COMMELINA

90%. Coelestis. An erect plant, producing pretty skyblue flowers in great profusion. Roots should be preserved like dahlias; its beauty will increase from year to year; $1\frac{1}{2}$ ft. Half-hardy herbaceous perennial. Pkt., 5c.



CONVOLVULUS (Morning Glory)

Japanese Morning Glories

The surpassing charm of these Imperial Japanese Morning Glories lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless, and are really wonders of nature, of such incomparable beauty that descriptions are inadequate. Some flowers are of deep, rich velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds from soft rose to crimson, bronze and garnet maroon; from daintiest light blue to ultramarine indigo and blackish purple; from snow white to cream and silver gray; some are striped, starred and spotted; others have magnificent edges and throats.

The double-flowering sorts are superb and must be seen

spotted; others have magnificent edges and throats.

The double-flowering sorts are superb and must be seen to be appreciated to their full value.

Japanese Single, Mixed. Per pkt., 15c.; 2 pkts., 25c.

Japanese Double, Mixed. Per pkt., 15c.; 2 pkts., 25c.

920. Tricolor Roseus. Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. Major, Mixed. Common morning glory. Oz., 15c.; pkt., 5c.

DWARF VARIETIES

922. Mauritanicus. Trailing plant for baskets; blue. Pkt., 10c. 924. Minor, Mixed. Pkt., 5c.

COREOPSIS, OR CALLIOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

Hardy annuals.
560. C. Drummondi. Yellow, with a circle of rich crimson brown; 1 ft. Pkt., fc.
561. C. Atrosanguinea. Dark crimson; 2 ft. Pkt., 5c.
562. C. Mixed. Pkt., 5c.; oz., 20c.
563. Coreopsis Lanceolata. The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden yellow color. Pkt., 10c.
564. Calliopsis Golden Wave. Pkt., 5c.; oz., 20c.





MAMMOTH PERFECTION COSMOS. Pkt., 10c.

COSMOS

932. Mammoth Perfection. Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.
931. Pearl. Beautiful snow white. Pkt., 5c.
934. "Dawn." New early flowering; see Novelties, page 67.
930. Cosmos Hybrids. Mixed sorts. Pkt., 5c.

CROTALARIA RETUSA

(West India Rattle Box). See cut

This is a low-growing, profusely branching plant, every branch and branch-let ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. These flowers are of thick substance, fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt., 10c.

CUPHEA (Cigar Plant)

940. C. Hookeriana Grandiflora Superba. Beautiful vermilion and orange color; 4 ft. Pkt., 10c.

941. C. Miniata. Curious flowers of a bright vermilion, with a centre of reddish violet: 1½ ft. Pkt., 10c.

942. C. Platycentra. Scarlet; very pretty species. Pkt., 10c.

CYCLAMEN

Persicum. Finest mixed. Pkt., 10c. Giganteum. Mixed. Pkt., 25c. "Album, white. Pkt., 25c. "Rubrum, red. Pkt., 25c. 960. 961. 962 963. 964

White, carmine eye. Pkt., 25c. Roseum, rose. Pkt., 25c. 965. 66

CYPRESS VINE Crimson. Pkt., 5c. White. Pkt., 5c. Mixed sorts. Pkt., 5c. Scarlet, Ivy Leaved. Pkt., 5c. 980. 981.

983.

DAHLIA

1000. Double flowering; mixed. Pkt., 10c. 10c, 1001. Single 1002. Single cactus varieties. Pkt., 10c.

DAISY (Bellis Perennis)

1020. Double, Mixed. Pkt., 10c 1022. Longfellow. Double pin pink. Pkt., 10c.

1023 Snowball. Double white. Pkt., 15c.

1024. New Giant Double Mixed. Beautiful imbricated flowers; 1½ to 2 inches in diameter. Pkt., 15c.

DATURA

1040 Fastuosa, Fl Pl Mixed

Pkt., 5c. 1041. Wrightii. Large, single, white.

1042. Fastuosa Alba. Double, white. Pkt.,

t., 5c. Cornucopia (Horn of Plenty.) A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

DELPHINIUM (Larkspur)

1060. D. Formosum. Brilliant blue with a white centre. Pkt., 5c. 1061. Nudicaule Bright scarlet flow-

ers, with clear yellow petals Pkt., 10c. 1063. Imperial Flore Pleno (Emperor Larkspur). With beautiful long spikes of brilliant dark blue, tricolor and red striped, double flowers. Pkt., 5c. 1064. Finest Mixed Hybrids. Pkt.,

1065. Dwarf German 1 Hyacinth-flowered Larkspur; Rocket. mixed. Pkt., 5c. 1066. **D. Elatum.** Bee Larkspur.

Pkt., 5c. 1067. D. Chinensis. Blue Larkspur. Pkt., 5c. 1068.

D. Sulphureum. A most beautiful sulphur-yellow Delphinium. One of the most beautiful hardy perennials grown. Flowers resemble the finest orgrown. Flowers chids. Pkt., 10c.



CROTALARIA RETUSA, OR WEST INDIA RATTLE BOX. Pkt., 10c.

SEE OUR OFFER OF NEW BOOKS, FREE, ON SECOND COVER PAGE.





DIANTHUS LACINIATUS-FRINGED PINK

Dianthus or Pinks **DOUBLE ANNUAL VARIETIES**

1080. D. Chinensis, Fl. Pl. (China Pink.) Large, ragrant flowers; mixed. Pkt., 5c.; oz., 25c.

1080. D. Chinensis, Fl. Pl. (China Pink.) Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c. 1081. Heddewigii Diadematis, Fl. Pl. (Double Diadem Japan Pink.) Densely double flowers, three inches in diameter; beautiful tints of crimson, lilac, purple, outer edges fringed with white; 6 in. Pkt., 5c.; oz., 50c. 1084. D. Imperialis. Double imperial pink. Pkt., 5c. 1085. D. Laciniatus, Fl. Pl. (Double Fringed Japan Pink.) Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c. 1092. Mourning Cloak. Rich blackish velvety crimson, margined with pure white. Pkt., 10c.

SINGLE ANNUAL VARIETIES

1086. Crimson Belle. Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c. 1087. Eastern Queen. Immense single flowers, beautifully fringed, marbled and suffused with carmine rose, mauve and lilac. Pkt., 5c. 1088. Snowflake. Snow-white, exquisitely fringed.

Pkt., 5c. 1089. Laciniatus, Mixed Colors. Single fringed.

Pkt., 5c.
1090. Heddewigii, Mixed Colors. Single Japan Pinks.
A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.
1093. Salmon Queen. A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. Dianthus Plumarius (Pheasant-eye). A beautiful, single hardy pink, with fringe-edged white flowers, with a dark centre. Pkt., 5c.
1083. Plumarius, Fl. Pl. Double and semi-double varieties in beautiful colors. Pkt., 10c.
1091. Fine Garden, or Clove-scented Pinks. (Horney Verickies). Postitical dealers and selections of the control of the contro

tensis Varieties.) Beautiful double mixed colors. Pkt., 10c.

DIGITALIS (Foxglove)

1120. Mixed. Pkt., 5c.

ESCHSCHOLTZIA

1180. Californica. Yellow and orange. Pkt., 5c.
1181. Rose Cardinal. Rich rosy purple. Pkt., 5c.
1183. Mandarin. Inner side of petal rich orange, outside brilliant scarlet. Pkt., 5c.
1182. Single Mixed. All colors. Pkt., 5c.
1184. Double Mixed. All colors. Pkt., 5c.

EVENING PRIMROSE (Enothera)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. Acroclinium Roseum, Fl. Pl. Bright rose, double. Pkt., 5c.
1241. Ammobium Alatum Grandiflorum. A leading everlasting; flowers very large and pure white color. Pkt., 5c.
1242. Gomphrena Mixed (Bachelor's Buttons).

white, crimson, orange and variegated colors. Pkt., 5c.
1243. Helipterum Humboldianum (Sanfordi). Large clusters of bright, golden yellow flowers. Pkt., 5c.



HELICHRYSUM. Pkt., 5c.

1244. Helichrysum, Finest Mixed. Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c. 1245. Rhodanthe, Finest Mixed. Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c. 1246. Xeranthemum. Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.

FERNS

F. Choice Mixture for Greenhouse Cultiva-1280.

tion. Pkt., 15c.

1281. Hardy Mixture. Comprising the most desirable hardy sorts for outdoor culture. Pkt., 15c.

GAILLARDIA

1300. G. Picta Lorenziana. Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c. 1301. G. Picta Grandiflora. Large flowers of rich crimson and yellow. Pkt., 5c. 1302. Picta Nana (Painted Lady). Showy crimson, bordered with yellow. Pkt., 5c.

GERANIUM

1320. G. Zonale, Mixed. Pkt., 10c. 1321. Apple-Scented. Very fragrant. Pkt., 10c.

GILIA

1340. Tricolor. Orange yellow. Pkt., 5c.

GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended

-			PER	PKI
	1380.	Grandiflora. Choice mixed sorts	. \$0	25
	1381.	Grandiflora Erecta. Mixed; erect flowers		25
	1384.	Grandiflora, Spotted and Tigered		25
	1385.	Scarlet Defiance. Intense scarlet flowers .		25

GODETIA

	PER PKT
1400.	Lady Satin Rose. Crimson tinged, pale lilac \$0 05
1401.	Bijou. Dwarf, white flowers, with carmine
	snot on each petal
1403.	Lady Albemarle. Large crimson rose 5
1402	Choice Mixed Varieties 5



Showing one season's growth White Moonflower (Ipomæa Noctiflora). Plants, 10c. each; \$1.00 per dozen. Seeds, pkt , lue.; 3 pkts., 25e

GOURDS

Mixed Ornamental. A choice assortment. Pkt., 10c.; 3 pkts., 25c

For other varieties of Gourds, see vegetable list, page 38.

GRASSES (ORNAMENTAL)

- Agrostis Nebulosa. Pkt., 5c Agrostis Nebulosa. Pkt., oc. Avena Sterilis (Animated Oats); 2½ ft. Pkt., 5c. Briza Maxima (Rattlesnake Grass); 1 ft. Pkt., 5c. Coix Lachrymæ (Job's Tears); 2 ft. Pkt., 5c. Erianthus Ravennæ, Very ornamental; 10 ft.
- 1444.
- Pkt., 5c. 1445. Gynerium Argenteum (Pampas Grass); 10 ft. Pkt .
- 1446, Hordeum Jubitum (Squirrel-Tail Grass). Pkt, 5c.
- 1447. Zea Japonica Variegata (Variegated Japanese Maize). Striped gold and white Pkt., 5c.
 1448. Stipa Pennata (Feather Grass); 2 ft. Pkt., 5c.
 1449. Eragrostis Elegans (Love Grass); 1 ft. Pkt., 5c.
 1450. Eulalia Zebrina (Zebra Grass); 7 ft. Pkt., 5c.

GREVILLEA ROBUSTA

1460, (Silk Oak), Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

GYPSOPHILA

1480. Elegans. Star-shaped, white and pink flowers.

Pkt., 5c. 1481. 1481. Paniculata. Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

HEDYSARUM (French Honeysuckle)

1500. Coronarium, Mixed. Pkt., 5c.

HELIANTHUS (See Sunflower) HELIOTROPE

1520. Finest Mixed. Pkt., 5c. 1521. King of the Blacks. Rich purple. Pkt., 10c. 1522. Lemoine's Giant Hybrids. Immense clusters; very fragrant. Pkt., 10c.

HIBISCUS (Marsh Mallow)

1540. Africanus. Creamy yellow, with purple centre. Pkt., 5c. 1511. Large pink flowers. Pkt., 5c. us. Large white carmine centre.

Californicus. Pkt., 10c. Sunset. Very large, yellow, fine. Pkt., 10c.

HOLLYHOCK (Althea Rosea)

Chaters. Prize Double, Red. Pkt., 10c.

"""" Pink. Pkt., 10c.

"""" White. Pkt., 10c.

"""" Yellow. Pkt., 10c.

"""" Salmon. Pkt., 10c. 1562. 1560. 1561. 1558 Crimson. Pkt., 10c. Mixed. Pkt., 10c. ny." Pkt., 20c. See Nov-66 1563 New Mammoth "Allegheny." 1564. elties, page 68.

HUMULUS JAPONICUS, OR JAPANESE HOP

1620. Very ornamental and fast-growing annual climber from Japan. Pkt., 10c.

IPOMÆAS

1664. The Moonflower. White seeded. Pkt., 10c. 1660. Bona Nox (Evening Glory). Pkt., 5c. 1661. Coccinea (Star Ipomaxo). Scarlet. Pkt., 5c. 1662. Huberi. Cross-bred or Hybrid Moonflower; foliage and flowers vary. Pkt., 5c. 1665. Heavenly Blue. Flowers very large; beautiful

blue. Pkt., 10c.

KENILWORTH IVY (Linaria)

1780. Cymbalaria. A very handsome, small, neat, trailing plant; admirably suited for baskets. Pkt., 10c.

LANTANA

1720. L. Hybrida, Mixed. Desirable greenhouse plants, embracing every shade, white, pink, orange and purple. Pkt., 5c.

LATHYRUS (Hardy Sweet Peas)

1740. Latifolius. A handsome, free flowering plant, useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.
1741. L. Latifolius Albus. Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.
1742. L. Splendens. A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

LOBELIA

COMPACTA VARIETIES

1839. 1838.

Crystal Palace. Rich blue. Pkt., 10c. White Gem. Snow white. Pkt., 10c Prima Donna. Crimson maroon. Pkt., 10c. Golden Queen. Yellow foliage, brilliant blue 1846.

Pkt., 10c flowers.

1837. Royal Purple. Pkt., 10c. 1845. MIXED COMPACTA VARIETIES. Pkt., 5c.

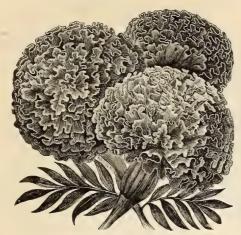
ERINUS OR TRAILING VARIETIES

1841. Erinus Speciosa Alba. White. Pkt., 5c.
1843. Gracilis. Light blue spreading. Pkt., 5c.
1844. Erinus or Trailing Varieties. Mixed. Pkt., 5c.

PERENNIAL VARIETIES

1842. Cardinalis. Cardinal Flower. Pkt, 10c.





ELDORADO MARIGOLD. Pkt., 5c.

LYCHNIS

1900. Chalcedonica. Brilliant scarlet flowers. Pkt., 5c.

Marigold

AFRICAN VARIETIES

1941. ELDORADO. Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c, 1943. LARGE AFRICAN. Very large, orange, brown and yellow. Oz., 15c.; pkt., 5c.

FRENCH VARIETIES

1940. GOLD STRIPED. Double dwarf, brownish red,

1940. GOLD STRIPED. Double dwarf, brownish red, striped golden yellow. Pkt., 5c. 1942. DWARF FRENCH MIXED. Oz., 15c.; pkt., 5c. 1944. LITTLE BROWNIE. (Legion d'Honneur). Charming, compact, little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

Mignonette (Reseda)

2020. Sweet Scented. Oz., 10c.; pkt., 5c. 2022. Golden Queen. Golden yellow. Pkt., 5c. 2023. Parson's White. Oz., 35c.; pkt., 5c. 2024. Machet. Very compact; fine for pot culture; 2024. Machet. Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10c.
2026. Miles' Hybrid Spiral. Pure white. Pkt., 5c.
2027. Giant White Spiral. Oz., 25c.; pkt., 5c.
2028. Red Victoria. Dwarf, branching habit, very sweet red flowers. Pkt., 10c.
2029. Allen's Defiance. Immense spikes 12 to 15 inches long: very fragrant. Pkt. 10c.

long; very fragrant. Pkt., 10c.
2025. Gabrielle. Large spikes of red flowers, very fragrant, fine for pot culture. Pkt., 10c.



MIGNONETTE MACHET. Pkt., 10c.

MARVEL OF PERU (Tour O'Clocks)

1960. Mixed. Beautiful colors. Pkt., 5c.; oz., 1°c.
1961. Dwarf White. Snowy white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

M. Crystallinum (Ice Plant). Flowers white, 2000. with ice-like foliage. Pkt., 5c.
2001. Tricolor (Wax Pink). Very pretty; rosy pink flowers. Pkt., 5c.

MIMULUS (Monkey Flower)

2060. Moschatus (Musk nt). Beautiful yellow flow-

Plant). Beautiful yellow howers. Pkt., 5c. 2061. Cardinalis. Flowers of a brilliant searlet hue; hardy;

1 ft. Pkt., 10c.
2063. Tigrinus. The finest tigered and spotted v rieties, rivaling the calceolaria in its brightness; mixed colors. Pkt.,

MOMORDICA, OR BALSAM

2090. M. Balsamina (Balsam Apple). The fruit when

ripe is useful for medicinal purposes. Pkt., 5c.; oz., 2 c. 2091. M. Charantia (Balsam Pear). Same as the above, excepting that the fruitis longer in shape. Pkt., 5c.; oz., 20c.



BALSAM APPLE.

Myosotis (Forget-me-not)

2100, Palustris. Beautiful blue. Pkt., 5c.
2101. Alba. Pure white. Pkt., 5c.
2102. Dissitiflora. Large blue flowers; compact, and

very early. Pkt., 10c. 2103. Victoria. Of bushy habit; large, bright, azure blue flowers. Very fine. (See cut.) Pkt., 10c.

	•	`		-		_				OZ.	PKT.
Alpestris.	Blue.	٠.							. 1	80 40	\$0 05
- 66	White									50	5
66	Rose										5
,66	Mixed									40	5



NEW FORGET-ME-NOT "VICTORIA." Pkt., 10c.

MYRSIPHYLLUM, OR SMILAX

2120. **Asparagoides.** Beautiful, delicate, wavy, glossy, deep green foliage. ½ oz., 20c.; oz., 60c.; pkt., 10c.

******* Our New Books

FARM GARDENING and IRRIGATION BY CHEAP MODERN METHODS will tell you just what you want to know, in just the way you want to be told. They are sent free with all \$3.00 and \$5.00 orders of Vegetable and Flower Seeds. See second cover, opposite page 1.



2130. DWARF PRINCE HENRY NASTURTIUM. Oz., 20c.; pkt., 5c.

LOBB'S TRAILING NASTURTIUM

The leaves and flowers are somewhat smaller than the ordinary tall sorts, but their greater profusion renders them superior.

2148. Asa Grev. Cream white, blotched crimson maroon. Pkt., 5c.

2149. Napoleon III. Yellow striped, rosy scarlet.

Pkt., 5c. 2150. Roi des Noirs. Almost black. Pkt., 5c.

2151. Spitfire. Fiery red. Pkt., 5c.

2152. Lobb's Nasturtiums, Mixed. Pkt., 5c.; oz., 20c.

PETUNIA

SINGLE VARIETIES (FOR BEDDING)

2340. Dwarf Inimitable. Dwarf plants, 6 to 8 inches h, flowers cherry red, with a white centre; splendid for high, flowers cherry red, with a edgings, massing, etc. Pkt., 10c.

Striped and Blotched. Extra

strain. Pkt., 5c. 2342. Alba. White; suitable for cemetery. Pkt., 5c. 2343. Choice Single Mixed. 1/4 oz.,

20c.; pkt., 5c.

SINGLE LARGE FLOWER-ING SORTS

2345. Grandiflora Venosa. Large flowering, finest shade of color, beautifully veined. Pkt., 10c. 2346. Grandiflora Fimbriata. A

2346. Grandiflora Fimbriata. A fine strain with handsomely frilled and fringed flowers. Pkt., 20c. 2347. Yellow Throated. The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c. 2348. "Giants of California." A Californian strain of incomparable beauty, visioned hyprispage. The flowers are experienced.

size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See cut.) Pkt., 20c.

DOUBLE FLOWERING SORTS

2350. Dwarf Double Liliput (Nana Compacta Multiflora, H. Pl.). New double kind, producing bushy plants, covered with double flowers, which are partly spotted, blotched and self-colored. Pkt., 25c.

25c. Double Mixed. Best large flow-

ering double, in finest mixture. Pkt., 25c.
2352. Extra Large Flowering,
Double Fringed. This extra choice Double Fringed. This extra choice strain produces about thirty per cent. of splendid double fringed flowers. Pkt., 35c. 2353. Extra Large Flowering Double Fringed (Lady of the Lake). This seed will produce about thirty per cent. of large, double, pure white fringed flowers. Pkt., 30c.

OZ. PRT. Aurora. Salmon-rose, mottled blush white, garnet blotches, \$0 20 \$0 05 2131. Bronze Color. Of a burnished coppery bronze, . . . 20 5 2132. Chameleon. Splashed crimson, bronze and yellow. 20 5 2133. Cœrulea Rosea. Rose tinged purple. 2134. Crystal Palace Gem. Sul-

NASTURTIUMS (Tom Thumb or Bedding)

phur, spotted maroon, 20 2143. Empress of India. Brilliant crimson, dark foliage, 20 2135. Golden King. Grand flowers, 3 inches across; deep golden yel-low, maroon blotches, 20 5 2136. King of Tom Thumbs. Crim-20 son. 2144. King Theodore. Dark scarlet maroon, dark foliage,

20 2145. Lady Bird. Orange yellow, 20 20 5 20 5

> 15 5

2147. Mixed Tom Thumbs. 1/4 lb., Any 6 of the above pkts. for 25c.

TALL OR CLIMBING VARIETIES 2137. Hemisphæricum. Yellow, with rosy scarlet blotches, fine foliage. Oz., 20c.; pkt., 5c.

2138. Regelianum. Violet ruby. Oz., 20c.; pkt., 5c.

Von Moltke. Ruby rose. Oz., 20c.; pkt., 5c. 2139. 2153. Nigro Purpureum. Dark maroon. Oz., 20c.; pkt., 5c.

2154. Orange. Oz., 20c.; pkt., 5c.

2155. Scarlet. Oz., 20c.; pkt., 5c.

2156. Tall Mixed Sorts. Oz., 15c.; pkt., 5c.

NEW HYBRIDS OF MADAME GUNTER

new section, distinguished by dark-colored foliage and flowers of immense size and richness, and variety of coloring. Per oz., 25c.; pkt., 10c.





Kingly Pansies Our Prize Gold Coin Collection

AGAIN WE OFFER

In Gold Premiums

FOR BIGGEST PANSIES.

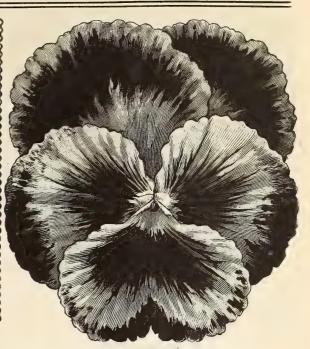
We know that in our "Kingly Collection of Giant Pansies, Mixed" we have as fine a strain of pansies as it is possible to produce. To stimulate an effort to show them at their best, we offer the following GOLD PRIZES:

OLD PRIZES:
\$25.00 in Gold for the Largest Pansy.
10.00 in Gold for the Next Largest.
5.00 in Gold for the Next Largest.
3.00 in Gold for the Next Largest.
2.00 in Gold for the Next Largest.
1.00 in Gold for the Next Largest.

CONDITIONS OF COMPETITION. CONDITIONS OF COMPETITION.
Competition is open to all who purchase of us, during 1898, a packet of our J. & S. Kingly Collection of Giant Pansies Mixed. Inside of each packet will be found a card, on which the flower must be carefully mounted and pressed and sent to us on or before October 1st, 1898.

TRY FOR IT. We would rather pay the premiums to you than to anybody else we know.

Number of Pansy, 2299. Price, 25c. Pkt.



JOHNSON & STOKES' KINGLY COLLECTION OF GIANT PANSIES, MIXED

2299. This superb collection cannot be surpassed for size, shape, markings, or richness of color of the flowers. No pains are spared to make this strain absolute perfection in form, firmness of texture, size and freedom of bloom, and elegance and variety of markings and colorings. Price, 25c. per pkt.; \$1.00 per ½ oz.

Ira Belle Schluraff, of Erie, Pa., who secured the second prize of \$10.00, writes us: "We have grown pansies

for ten years, but never before have we gazed upon such large and beautiful ones."

Lewie Richter, of Yolo, Cal., captures the first prize of \$25.00 with a magnificent pansy three and one-half inches in diameter.

2281. Bugnot's Large Stained. Mixed colors. A celebrated French strain; very large. Pkt., 20c.
2294. Cassier's Five Blotched. Another choice
French strain. Round flowers of great substance; each petal

freely blotched. Pkt., 20c.
2280. Imperial German. Large flowering. Pk
2279. Odier Blotched. Rich colors. Pkt., 15c.
2276. English Show Mixture. Pkt., 10c.

24	276. English Show Mixture. PRt., 10c.	
	P	KT
2308.	Azure Blue, Very Fine,	0
2261.	Belgian Striped,	10
2286.	Black (Faust),	È
2274.	Bronze	È
2262.	Bronze,	10
2275.	Emperor William, Ultramarine Blue,	10
2277.	Fire Dragon, Fiery Orange and Bronze,	10
2301.	Fine German, Mixed,	Ť
2288.	Giant White,	10
2289.	Giant Yellow,	î
2263.	Giant Black-Blue (New),	î
2291.	Giant Black	10
2290.	Giant Black,	10
2292.	Giant Striped.	10
2302.	Giant Striped,	ŧ
2307.	Havana Brown, New Shades,	ē
2282.	Improved Giant Trimardeau, Mixed,	10
2303.	Light Blue, Fine, Lord Beaconsfield, Deep Purple Violet,	5
2278.	Lord Beaconsfield, Deep Purple Violet	10
2306.	Mahogany Colored, Splendid	5
2264.	Mahogany Colored, Splendid,	10
2265,	Peacock, Ultramarine Blue, Deep Claret and	
	White,	10
2283.	Prince Bismarck, Beautiful Golden Bronze,	10
22 84.	Quadricolor, or Pheasant's Eye (Rainbow),	10
2266.	Red Victoria (New), very fine,	10
2285.	Snow Queen, Satiny White,	10
2287.	Striped and Mottled, Large Flowered,	10
2297.	White, Pure,	- 5
2304.	White, with Dark Centre,	- 5
2298.	Yellow, Pure,	- 5
23 05.	Yellow, with Black Centre,	5

Phlox Drummondi

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. Hardy

2360. Phlox Drummondi, Mixed Colors. Pkt., 5c.: oz., 50c.

LARGE FLOWERING PHLOX

An improved strain, with very large, perfectly round flowers, the petals overlapping each other.

2371. Large Flowering, Mixed. Pkt., 10c.

2376. New Dwarf Large Flowering, Mixed. Splendid for pot culture and ribbon bedding. Pkt., 10c.

2367. Star of Quedlinburg. The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.

2366. Hardy Perennial Phlox. Fine mixed varieties.

PORTULAÇA

2400. P. Finest Single, Mixed. A large variety, of the most brilliant colors. Pkt., 5c.; oz., 40c.

2401. Double Rose-Flowered Mixed. The most brilliant shades and choice flowers. Pkt., 10c.

PYRETHRUM (Feverfew)

2440. P. Parthenifolium Aureum (Golden Feather). highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. P. Roseum (Persian Insect Powder Plant). Handsome aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.



Shirley, Silk or Ghost Poppy

(The Rev. W. Wilks' Re-selected Stock)

2378. The Shirley Poppy is not new, but the stock we here offer will be a revelation to all lovers of the beautiful. They have been specially grown from new varieties, selected by the Rev. W. Wilks (the originator of the Shirley Poppy), so that this strain is one of superlative excellence, and many beautiful new forms, unknown before, will be found. They are especially strong in shades of terra-cotta and combinations of this with pink and searlet. Many lovers of flowers have the impression that the Shirley Poppy is too fragile to stand picking, but such is not the case. If gathered early in the morning while the dew is still on them and before the rays of the hot sun have affected them, and placed in water, they will last in all their beauty for forty-eight hours. Price, 10c. per pkt.; 3 pkts., 25c.

POPPIES

SINGLE ANNUAL VARIETIES

2379. Danebrog. Very showy variety; large single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.
2380. Umbrosum. Richest vermilion, with a deep,

shining black spot on each petal, thus forming a black cross.

Pkt., 5c. 2383. Shirley. These charming poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt.,

2388. Tulip Poppy (Papaver glaucum). A magnificent species from Armenia. The plants grow about fourteen inches high and produce from fifty to sixty large flowers of

dazzling scarlet. Pkt., 10c.

2389. Fire Dragon. Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ ft. Pkt., 10c.

2385. The Bride. A beautiful variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c. 10c. 2391. Single Mixed. Annual sorts. Pkt., 5c.; oz., 20c.

DOUBLE ANNUAL POPPIES

2384. SNOWDRIFT. Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 10c. 2387. P. NEW WHITE SWAN. Immense-size, very double, with beautifully laciniated petals, and of the purest possible white. Pkt., 10c. 2381. Mikado (The Striped Japanese Poppy). Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 10c. 2382. Carnation-Flowered. Splendid double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c. 2390. Pæony-Flowered. Large, showy, double globular flowers, mixed colors. Pkt., 5c.; oz., 20c.

HARDY PERENNIAL POPPIES

2386. Orientale (The Large Oriental Poppy). A charm-2303. Orientale (The Large Oriental Poppy). A charming summer-flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. Pkt., 10c.
2392. Orientale Hybrids. Beautiful new hybrids of

the Oriental Poppy, producing flowers of immense size, six inches and over in diameter, and of many novel colors, such as salmon, pink, cherry, etc., etc. Pkt., 15c.

PRIMULA

(Fringed Chinese Primrose) Single Large-Flowering Fringed Varieties

	PKT.
2427.	White, Alba, 20
2428.	Alba Magnifica. Flowers large; snow white;
	exquisite form,
2429.	Cœrulea. Blue,
2430.	Chiswick Red. Flowers of a brilliant crimson-
	scarlet,
2431.	Holborn Blue. Very fine.
2420.	Sinensis Fimbriata, Fringed varieties, Very
	choice; mixed,
2433.	Kermesina Splendens. A very deep rich red, 20
	Fern-Leaved. Mixed
2432.	J. & S. Choicest Prize Mixed, 30
T	his mixture contains, besides all the above-named

Our Double Primulas bring a large percentage of double

2424. Obconica. A profuse blooming primrose, bearing 2424. Obconica. A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance. Pkt., 10c.; 3 pkts., 25c. 2436. Floribunda. Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c. 2423. Veris (English Cowslip). Pkt., 5c. 2427. Japonica (Japanese Primrose). Pkt., 10c. 2426. Vulgaris. Common yellow English Primrose. Pkt., 5c.

RICINUS (Castor Oil Bean)

Alcinus (Castor Oil Bean)

2460. Gibsoni. Handsome deep red foliage. Pkt., 5c.

2461. Sanguineus. Leaves green, stalks blood red,
showy red fruit; 8 ft. Pkt., 5c

2462. Phillippiniensis. A majestic variety, with beautiful gigantic foliage; 10 ft. Pkt., 5c.

2463. Mixed. Many choice sorts. Pkt., 5c.; oz., 20c.

2464. Ricinus, Duchess of Edinburgh. The
stem and leaves are of a bright metallic bronze; the large
branches of the fruit are of a vivid red. Pkt., 5c.

2465. Ricinus Zanzibariensis. The leaves of this
new variety attain a gigantic size, measuring 2 to 2½ ft.
across and include light and dark green and coppery bronze
colors. Pkt., 10c.; 3 pkts., 25c.



Salvia—Scarlet Sage

2520. Splendens. Scarlet sage. Pkt., 10c.

2520. Spientens. Scarret sage. Pkt., 10c. 2521. Patens. Blue sage. Pkt., 10c. 2523. Clara Bedman, or Bonfire. Very compact, with long, erect spikes of brilliant scarlet flowers. The finest salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.

SALPIGLOSSIS (Velvet Flower)

2500. S. Fine, Mixed. Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c. 2501. SALPIGLOSSIS GRANDIFLORA. The large-flowering Sulpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with or-chids. Pkt., 5c.

Sweet Peas

A Choice, Carefully Revised Selection, Including the Choicest New Sorts

The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good, strong worked in the spring, to enable the vines to get a good, strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first ing without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

The Best Effect in Sweet Peas is obtained by having them in vases, with each variety by itself. Therefore, buy the named sorts and keep them separate, and plant largely.

Sweet Pea Novelties, 1898

2683. Alice Eckford. Cream tinted cerise, white wings, 2748. Aurora. Immense size, white, flaked and striped with orange salmon.
2746. Coquette. Delicate creamy primrose, tinged pale

2/40. Coquetter beneath and a standard and blush.

2749. Crown Jewel. Pale standard, tinted violet rose; wings creamy tinted rose; large.

2674. Gray Friar. Watered purple on white ground.

2672. Daybreak. Crimson scarlet, watered effect.

2750. Katherine Tracy. Very large, light but brilliant,

vermilion rose. 2747. Mars. The best crimson scarlet.

2747, Mars. The best crimson scaller. 2703, Mrs. Eckford. Large primrose yellow, 2751, Princess Victoria. Standard bright scarlet, wings crimson.
2678. Ramona (see cut). Creamy white, splashed with

pale pink.

2752. Royal Robe. Large soft pink.

2745. Royal Rose. The largest flower in the list. Deep

rose with light pink wings.
2753. Stanley. Very deep maroon; darkest of all.
2754. Waverly. Rosy Claret, wings blue, laced rose.

Price of each of above 15 Novelty sorts, per pkt., 8c.; per ounce, 20c

One pkt. each of the 15 Novelty sorts for 75c.; 1 oz. each for \$2.00.

SWEET PEAS-GENERAL LIST

This list is strictly "up to date." It contains all the good varieties, and all dead wood is discarded.

2707. Adonis. Soft rosy carmine.

2708. Apple Blossom. Bright pinkish rose.

2712. Blanch Ferry. Pink standards and white wings.

2705. Blanch Burpee. Grand pure white.

2681. Blushing Beauty. A very soft pink.

2713. Boreatton. Deep maroon self, rich and velvety.

2702. Butterfly. White, edged and shaded with blue. 2680

Captivation. Rosy purple self.

Countess of Aberdeen. White, margined pale pink.

2670. Cardinal. Crimson scarlet.



SWEET PEAS-GENERAL LIST (Continued)

2684. 2738.

2727. 2734.

2755.

2715. 2728.

2729. 2730.

2718.

2756.

2706. 2732.

Capt. of the Blues. Blue large.
Cupid. Dwarf white. Pkt., 8c; oz., 20c.
Countess of Radnor. Delicate lavender.
Dorothy Tennant. Rosy, mauve self.
Duke of Clarence. Clear, rich, rosy claret.
Emily Eckford. Reddish mauve, wings blue.
Extra Early Blanch Ferry. Very early.
Emily Henderson. A pure white, very large.
Empress of India. Rosy, pink and white.
Firefly. Intense scarlet crimson, of good size.
Gaiety. White, striped with rosy lilac.
Her Majesty. Large, showy; soft rosy pink.
Isa Eckford. Creamy white, with pink blush.
Juanita. White, striped lavender.
Lady Penzance. Laced orange pink.
Lemon Queen. Almost white, with lemon tint.
Lottie Eckford. Creamy white, with blue edge.
Miss Hunt. Pale carmine standards, pink wings.
Mikado. Orange cerise, striped white.
Mrs. Jos. Chamberlain. White striped, pale 2723. 2733. 2682.

2671.

rose. 2704. Mrs. Gladstone. Delicate soft pink.

2735.

2675. 2714.

2736. 2709.

Mrs. Gladstone. Delicate soft pink.
Monarch. Bronze, crimson and blue.
Oddity. Pale carmine, edged rose.
Orange Prince. Bright orange pink.
Primrose. Light primrose yellow.
Princess Beatrice. Beautiful soft pink and rose.
Princess May. Soft lavender.
Peach Blossom. Pink and buff.
Princess of Wales. Striped mauve on white

2757. 2710.

ground.

2711. 2701.

2721.

2677. 2717.

Queen of the Isles. Scarlet with white stripes. Scarlet Invincible. Good scarlet. Senator. Chocolate stripes on creamy ground. Splendid Lilac. Light lilac, shaded. Splendor. Brightrose pink, shading into crimson. The Queen. Rosy pink, shaded light mauve. Venus. A grand salmon buff.

PRICES: Any of the above named sorts (except Cupid), pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.

2726. Eckford's choicest mixed varieties. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; lb., 40c., by mail, post-paid.





flowers; 2 ft. Pkt., 50

Pkt., 5c.

2040. A curious plant, leaves close if touched or shaken. Pkt., 5c.

SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c.; ½ oz., 20c.; per oz., 60c.

STOCKS

Large flowering dwarf. Ten weeks stocks.

		PAI.					E LF T .
2660.	Blood Red,	. \$0 10	2668.	Pink, .			\$0 10
	Crimson,						
2662.	White, .	. 10	2665.	Mixed,			10
26	66. Dwarf W	allflowe	r Leave	d, Mixe	ed.	Pkt.,	10e.
26	67. Snowflak	e. A fin	e variety	y, with	very	large	and
doubl	le pure white fl	owers. I	2kt., 10c.			_	

2669. Princess Alice (Cut and Come Again). A per-ectual blooming, double, pure white; excellent for cutting. Pkt., 10c.

SWEET WILLIAM (Dianthus Barbatus)

2741. Perfection Single Mixed. Pkt., 5c., oz., 25c. 2740. Perfection Double Mixed. Pkt., 10c. Auricula Flowered. Choice single varieties. Pkt.,

SUNFLOWER (Helianthus)

SINGLE VARIETIES

1511. Miniature Sunflower (Cucumerifolius). Dwarf branching habit, flowers orange with black centre. Oz., 25c.; pkt., 5c.

Stella. See Novelties, page 68.

DOUBLE VARIETIES

1510. Californicus Plenissimus. Extra large, double saffron-colored flowers. Pkt.; 5c.

1512. Globosus Fistulosis (Dahlia Sunflower). Flowers very double and of medium size. Pkt., 5c.

THUNBERGIA (Black-Eyed Susan:

A beautiful class of very ornamental climbers, suitable for greenhouse or outdoor culture.

2760. Alba Oculata. White, dark eye. Pkt., 5c.

2761. Aurantiaca. Orange, dark eye. Pkt., 5c.

2762. Bakeri. Pure white. Pkt., 5c.

2763. Fine, Mixed. Choice shades. Pkt., 5c.; oz., 40c.

2764. Alata. Buff, dark eye. Pkt., 5c.

TORENIA

Pretty summer plants for hanging baskets or borders.

2780. Fournieri. Sky blue, with a bright yellow throat. Pkt., 10c.

2781. Bailloni. Golden yellow flowers, with a brownish red throat. Pkt., 10c.

TROPÆOLUM (Canary Bird Flower)

490. Peregrinum. Pkt., 5c.

VERBENA

New Mammoth. Our strain of Mammoth Verbenas is unexcelled; flowers of the largest size and brilliant colors.

2810.	Mammoth White,)
2811.	Scarlet, Per pkt., 10c.; per oz.,
2812.	FIRE
2813.	Purple,
2814.	" Striped,
2815.	Mixed, Pkt., 10c.; per oz., \$2.00.
2825.	Fine Mixed. Pkt., 5c.; per oz., \$1.00.

2826. Lemon Verbena (Aloysia Citriodora). Pkt., 10c.

VINCA

Beautiful free flowering plants, suitable for house culture or bedding purposes, blooming the first year from seed. Half-hardy perennial; 1½ ft.

2840. V. Rosea. Rose, with dark eye. Pkt., 5c.

2841. V. Alba. White, with crimson eye. Pkt., 5c.

2842. V. Alba Pura. Pure white, exquisite. Pkt., 5c.

VIOLET (Viola Odorata)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; ½ ft. 2860. V. Single White. Sweet scented. Pkt., 10c.

2861. V. Single Blue. Sweet scented. Pkt., 10c. 2862. V. Mixed. Pkt., 10c.

WALLFLOWER (Cherianthus Cheri)

A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. Wallflower, Double Mixed. Yellow, brown and purple flowers. Pkt., 10c.

2901. Single Mixed. Showy colors. Pkt., 5c.; oz., 25c.

ZINNIA

Large Flowering Double Dwarf.

2930, Scarlet, Pkt., 5c. 2932. White, Pkt., 5c. 2931. Orange. Pkt., 5c. 2933. Canary. Pkt., 5e.

2942. Striped Zebra. A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c

Double Liliput. Dwarf plants, fairly bristling with tiny double flowers.

2935.	Double Li	liput.	White.	Pkt., 10c. Pkt., 10c.
2936.	46	6.6	Golden	Yellow, Pkt., 10c.
2937.	6.6	6.6	Mixed.	Pkt., 10e.

2938. Curled and Crested. Large flowers with twisted petals, great range of color. Pkt., 10c.

2939. Dwarf Varieties. Mixed. Oz., 60c; pkt, 5c.

2940. Tall Varieties. Mixed. Oz., 30c.; pkt, 5c.

SUMMER FLOWERING BULBS

JAPANESE IRIS.

TUBEROUS BEGONIAS

The Tuberous-rooted Begonias are among the handsomest of our summer among the handsomest of our summer flowering bulbs. They are not grown to the extent they should be. They bloom continuously throughout the summer, till frost cuts them. Planted either in the rockery or flower border, they rival the rose with their rich and varied colors, ranging from the most delicate shades of white, yellow and salmon to the most striking crimson and scarlet

PRICES TUBEROUS BEGONIAS

Each. Doz.
Single. Scarlet, Orange, Crimson, Pink, White, Yellow, \$0 12 \$1 25
Single. All colors mixed, 10 1 00
Double. All colors mixed, 20 2 00 18 00

GLADIOLUS

This magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations, from the most gorgeous and dazzling to the softest and most delicate shades. They deserve to be grown in every garden, no matter how large or small.

(In Separate Colors.)

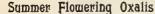
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6.6	6.6	Pink mixed										4	20	2 00
	2.6	Yellow mixed,		i		ì		į.	Ī			- 5	50	3 00
6.6	6.6	Striped mixed,	Ĭ			Ĭ	Ċ	Ĭ	i	Ī	Ĭ	4	40	2.50
,		oringed minutes,	•	•		•	•	٠	۰	•		-	***	2 00

IRIS (Flower-de-Luce)

JAPANESE. Perfectly hardy, beautiful flowers, all colors, exquisitely mottled and veined. Bloom in July, and need a moist, sunny situation. Each, 10c.; \$1.00 per dozen. GERMAN. These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Bloom in June. Each, 10c.; \$1.00 per dozen.

CINNAMON VINE

A beautiful rapid-growing summer climber, with clean, glossy foliage and spikes of delicious cinnamon-scented flowers; perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring. Insects do not trouble it. Roots, 10c. each; \$1.00 per dozon, all postpoid. \$1.00 per dozen, all post-paid.



Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about one foot high, which produce flowers in endless succession. 10c. per doz.; 40c. per 100.



TUBEROSES

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs

Excelsior Pearl. Extra

Excelsior Pearl. Extra large bulbs, 4c. each; 25c. per dozen; \$1.00 per 100; \$8.00 per 1,000.

TALL ITALIAN.

Extra large bulbs, 4c. each; 25c. per doz; \$1.25 per 100; \$10.00 per 1,000.

doz end 50c. per 100 eddi.

CINNAMON VINE. Each, 10c. INNAMON VINE. Each, 10c. per 100; \$10.00 per 1,000. Tuberoses by mail, 10c. per doz. and 50c. per 100 addi-

LILIES

AURATUM. The Golden Banded Lily of Japan. This queen of lilies has immense blooms, measuring nearly a foot across. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the centre of each. Each, 15c.; 2 for 25c.; \$1.25 per doz., post-paid.

Speciosum Album. Large white thowers of great suffered with a great suffered with

Speciosum Album. Large white howers of great sur-stance, with a greenish band running through the centre of each petal; very fine. 15c. each; \$1.50 per doz.; \$7.00 per 100. Speciosum Rubrum. White, heavily spotted with rich crimson spots. 15c. each; \$1.50 per doz.; \$7.00 per 100.

Selected 3-year-old Berlin Pips (sand-grown). For forcing. 25c. per doz.; bundles of 25 for 40c.; \$1,50 per 100; \$14.00 per 1,000. If wanted by mail, add 5c. per doz. for postage.

SPECIAL CHEAP OFFER OF CHOICE GLAD-LUS. A mixture particularly rich in Lemoine's TOTJUS. varietie

				Byn		By ex	press.
				Each.	Doz.	Per 100, 1	er 1.000.
		-Very large	bulbs	. \$0 05	\$0 35	\$1 75	\$11 00
2d	4.6	Good size	4.6	. 3	25	1 50	9.50
3d	6.6	Blooming	6.6	. 2	- 15	75	6 00
4th	6 6	Small (man	y will k	oloom)		50	4 00
							1 00

HERBACEOUS PÆONIES
We offer a choice assortment of these beautiful rosescented plants. Shades of red, pink, scarlet and white. Some
with exquisite tintings of yellow and delicate pink; others
have red centres with pink edges, etc. Price, 20c. each; 3 for 50c.

Raye red centres with pink edges, etc. Price, 20c.each; 3 for 50c.

SPOTTED-LEAF CALLA
(Richardia Alba Maculata). This Calla resembles the White Calla, but is of a somewhat smaller habit. The leaves are of a glossy deep green, with numerous white spots, making it very ornamental at all times, even when not in bloom. It makes a splendid plant for borders or beds. Price, first size, dry roots, each, 10c; per doz., \$1.00.



CALADIUM ESCULENTUM

For 25c. we will send free, by mail, 1 sweet-scented Cinnamon Vine Root, 2 beautiful Gladiolus, 2 sweet Tuberoses,

For 50c. Free by Mail.

Our 25c. Banner Bulb Collection.

1 Caladium, 2 Gladiolus, 2 Tuberoses, 1 Cinnamon Vine, 1 German Iris, 1 Rose-scented Pæony, 1 Chinese Sacred Lily, 1 Tuberous-rooted Begonia.

1 Japanese Iris, 4 Oxalis.



Caladiums

(Elephant's Ears.)

A very effective plant and suitable for either a single plant onthelawn, masses in beds or for margins of water, its very distinct, apron-like leaves often attaining the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter, and dry sand in winter, and kept from year to year. First size, 10c. each; \$1.00 per dozen. Second size, 15c. each; \$1 50 per dozen. Extra large bulbs, 25c. each; \$2.50 per dozen, post-paid.

CHOICE FRUITS



APPLES.

STARR. The perfection of early apples.

A regular and abundant bearer; fruit large, 11 to 12 inches around. and marketable in July. Palegreen color, with red cheek. Pleasant sub-acid; a very good cooking and excellent eating apple.

Price-Starr and Parlin apples: 1 year, mail or express, 25c. each; \$2.50 per dozen; \$20.00 per 100. 2 years, 50c. each; \$5.00 per dozen; \$40.00 per 100.

BISMARCK. BISMARCE. A large, handsome apple from New Zealand; fine quality, bright, attractive color, very hardy; comes to bearing at two years old, and enormously productive. Keeps till April April.

April.
Price—1 year, mail
or express, 25c. each;
\$2.50 per dozen; 1 year,
extra, mail or express,
50c. each; \$5.00 per
dozen.

We can also furnish

PEARS.

KOONCE. A chance seedling of exquisite beauty, good quality and ripening very early. Tree rapid grower, free from blight and very productive. Valuable for market.

SENECA. A seedling of Bartlett. Much the same size and shape, with handsome blush, rich vinous quality, very productive and valuable.

LINCOLN CORELESS. Large, handsome winter pear. Vigorous grower, heavy bearer of fruit, measuring 10 to 12 inches around and weighing 16 to 20 ozs. each. Golden yellow at maturity. Free from seeds or core.

Price of above three choice pears—1 year, by mail or express, 15c. each; \$1.50 per dozen; \$12.00 per 100. 2 years, by express, 5c. each; \$2.50 per dozen.

Bartlett, Kieffer, Le Conte, Clapp, Anjou and others. 2 years, by express, 25c. each; \$2.50 per dozen.

PLUMS.

Lincoln, Spaulding, Abundance, Satsuma. 1 year, 15c. each; \$1.50 per dozen. 2 years, 25c. each; \$2.50 per dozen.

PEACHES.

Mt. Rose, Elberta, Stump, Old Mixon, Crawford's Late and Crosby. By mail or express, 15c. each; 4 for 50c.;

Triumph. A very early, yellow, freestone peach, ripening with Amsden's June. Mail or express, 15c. each; 4 for 50c.; 9 for \$1.00.

GOOSEBERRIES.

Industry. Best of English sorts. 20c. each; 3 for 50c. Downing. Largest American sort. 10c. each; 3 for 25c.

CHERRIES.

Rocky Mountain Dwarf Cherry. Grows 4 to 6 ft. high and begins to bear at 2 to 3 years of age. Very productive, 80 cherries having been picked off a branch 2 ft. long of a 2-year-old bush. Fruit jet black, size of and ripening after English Morello. Delicious fresh or cooked. Price, mail or express, 1 year, 15c. each; 2 for 25c. 2 years, by express, 25c. each; 3 for 50c. 3 years, by express, 40c. each; 3 for 51.00.

Early Richmond, Black Eagle, Yellow Spanish, Oxheart. 1 year, by mail or express, 20c, each; 3 for 50c.; \$2.00 per dozen. 2 years, by express, 25c, each; \$2.50 per

CURRANTS.

	Each.	Doz.	100.
Cherry. Large red, excellent for jelly,	. \$0 10	\$0.75	\$3 00
Fay. Large red, very productive,	. 15	1 00	5 00
Crandall Tree. Large black,		1 50	7 00

RASPBERRIES.



BLACKBERRIES.



WILSON JR.

Post-paid, by single and dozen

wilson Jr. The largest known Wilson Jr. The largest known blackberry; very early, extremely productive and excellent quality. Price, 10c. each; 50c. per dozen; \$1.50 per 100. Erie. Hardy, vigorous, very productive; fruit large and excellent. Price, 10c. each; 50c. per dozen; \$1.50 per 100.

GRAPES.

Catawba, late, red. Concord, medium, black. Delaware, medium, red. Martha, medium, white. Moore's Early, very early, black. Niagara, medium, white. Price above varieties 15c.

Price above varieties, 15c. each; \$1.00 per dozen. One each of the six sorts for 75c.

NUT TREES.

Choice One-Year Stock, by Mail or Express.

	Each.	Dozen.
Chestnuts, American,	. \$0 20	£2 00
" Japan,	. 25	2 50
Walnuts, American,	. 20	2 00
" Japan,	. 25	2 50
Filberts,	. 20	2 00
Pecan, paper shell,	. 25	2 50
Butternut,	. 25	2 50
Almond, soft shell,	. 25	2 50
Shellbark,	. 25	2 50

Nut Tree Collection. One each above nine sorts for \$1.50, post-paid.





NEW TWICE-BEARING

French Strawberry "Mammoth Perpetual"

This new berry will create a sensation among growers as soon as its merits are known. It is of excellent flavor, dark red in color, large size and firm, but its leading characteristic is its strong tendency to bear two full crops a season. Indeed, its toyleary is the leading the property of the control of strong tendency to bear two full crops a season. Indeed its tendency is to keep throwing up flower stems in succession from May to Autumn, but for commercial purposes it is better after taking off the spring crop to pinch off the blossoms and you will get a heavy fall crop.

The plant is vigorous in every direction.

Its dark green, thick, tough leaves resist disease. It makes runners freely, and is a great berry maker. This is an unusual combination.

Price of "Mammoth Perpetual."

Per	½ dozen,	by	mail,	post-paid,					\$0	75
6.6	1 100,	66	66	66		•	•		1	25
66	250,	66	expre	ess		,		:	15	00

Our Big 4 "Fillbasket" Strawberry Collection

PRICE "FILLBASKET" COLLECTION.

6	each	of the	4	kinds	(24	plants),	by	mail,	. \$1	00
12	4.6	**	4	6.6	` 48	- 44 //	41	4.6	. 1	
25	44	4.6	4	6.6	100	66	4.6	66	. 2	00
50	6.6	64	4	66	200	4.6	6.6	expres	s. 2	00
100	66	66	4	4.6	400	66	6.6			00
500	66	4.6	4	6.6	2000	6.6	4.6	6.6	12	00
1000	44	4.	4	4.4	4000	61	4.6	6.6		00

Brandywine Medium to very late; perfect blossoms; luxuriant grower; very large, solid, red fruit; very uniform shape; early.

Marshall {Perfect in blossom and fruit; largest size; dark glossy red and excellent quality.

Timbrell Pistillate late berry of finest quality; needs mulching; very large and fine.

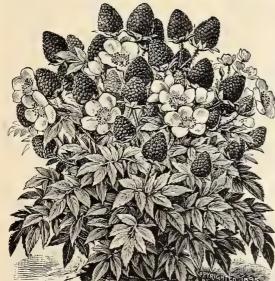
Mary Pistillate; largest of all; very dark red; fine bearer. Price of Each of Above 4 Separate Kinds.

er	dozen,	by	mail, .			·	,		٠.	4				\$0	5 0
	100								,					1	50
6	100	4.6	express,											1	25
6	10 0	6.6	- 44											6	00

GENERAL LIST OF STRAWBERRIES

Albany Wilson (Per.), Bomba (Per.), Bubach (Imp.); Chas. Downing (Per.), Crescent (Imp.), Gandy (Per.), Greenville (Imp.), Haverland (Imp.), Jessie (Per.), Michel's Early (Per.), Parker Earle (Per.), Sharpless (Per.), Warfield (Imp.)

Price of any of the above varieties, 25c. per doz., by mail, post-paid. By express, 75c. per 100; \$4.00 per 1,000.



THE JAPANESE STRAWBERRY-RASPBERRY



PHOTOGRAPH OF LEAF HOLT'S MAMMOTH SAGE.

HOLT'S MAMMOTH SAGE

We have grown and fully tested this valuable new variety for several years past, and offer the plants to our customers with the greatest confidence in its merits. The plant is of very large, strong growth. It is perfectly hardy, and a decided improvement on the ordinary sage, a single plant producing eight to ten times as much from being much larger. It is also stronger in flavor and superior in quality, never running to seed. Price, 3 plants for 25c, 7 for 50c.; 15 for \$1.00, by mail, post-paid; \$5.00 per 100, by express.

THE JAPANESE WINEBERRY

Has a rich and sprightly flavor, decidedly brisk sub-acid. For jelly we never grew anything that equaled it, having a decided raspberry flavor, with the freshness and piquancy of the currant. Price, by mail, 10c. each; \$1.00 per dozen.

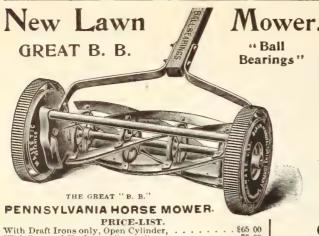
THE JAPANESE STRAWBERRY-RASPBERRY

(Rubus Sorbifolius.)

A very novel fruit from Japan, showing character of both strawberry and raspberry. Plant of low dwarf habit, producing fruit of size and shape of large strawberries. It dies to the ground every winter, and fruits on the young growth; of sprightly pleasant flavor. Price, 10c. each; \$1.00 per dazen. per dozen.

LOGAN BERRY. A hybrid between raspberry and blackberry, having characteristics of both parents. Plant of trailing habit, with very small spines. Fruit the size and shape of, and breaks off the stem, like a blackberry. Color and flavor of and ripening with the raspberry. Very productive and valuable. Price, 15c. each; \$1.50 per dozen.





With Seat and Shafts, "Solid Cylinder, Draft Irons, "Seat and Shafts, "Seat and Shaf

IDEAL LAWN ROLLERS

CONTINENTAL HAND LAWN MOWERS.

PRICES OF CONTINENTAL MOWERS.

Low Wheel, 10 inch, . . \$4 50 High Wheel, 15 inch, . . \$8 50

" " 12 " . 5 25 " " 17 " . 9 50

" " 16 " . 5 75 " " 19 " . 10 50

" " 16 " . 6 50 " 21 " . 11 50

" 18 " . 7 50 Continental Pony, 25 in., 27 00

Mower. Ball Bearing Lawn Mower

THE GREAT "B. B." "Built Like a Bicycle."

The superiority of BALL BEARINGS is now universally conceded, the only requirement being that they must be thoroughly made and perfectly hardened. In the GREAT B. B. Lawn Mower we offer a machine that in every respect is could be recombined to the highest seed of the control of the of the is equal in workmanship to the highest-grade

The Revolving Knives run on twenty-eight ¼-in. cast steel Balls, fourteen at each end. With this machine you can use a much larger size than formerly if you have a large lawn. Thus a man can use a 25-in. "B. B." as easily as an ordinary 17 or 19-in. ordinary machine.

PRICES.

16	inch,	High	Wheel,			٠				8 9	00
18	66	0.6	4.4							10	00
20	4.6	8.4								11 (
25	6 6	4.4	4.4	٠						14 (00

GIRARD LAWN MOWERS. THE BEST CHEAP MOWER MADE.

GRASS CATCHERS.

The Small size will fit 14-inch and under. The Large The Small size will size will fit all other sizes.

PRICE. \$1 00 Large, \$1 25

HORSE BOOTS.

For use on Lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time.

Price, per set of 4, riveted, heavy, round soles. \$8.00.

LAWN ROLLERS.

"IDEAL." Diameter. Width. Weight. Price. 15 inches. . 10 inches. 18 200 HORSE ROLLERS.

No. 3 is furnished with spring seat and shafts. 25 inches diameter, 36 inches wide, weight, 600 pounds. Price, \$35.00.

"HOBSON" HAND ROLLERS.

				- 1	Ϋo	. :	Se	ct	io	ns	ś.,			D	hi	aı	ne	te	r.				,	7	W	ei	gì	ıt.						I	ri	ce	
	. 29.							2						1	5	i	ne.	he	s.						1	20	11	bs.							\$6	01)
6.6	30,							1	(f	or	W	al	ks'	2	0			14							1	90	-	6.6							9	0)
6.6	31,							2	•						8		-	6.6							-2	00)	6.4							10	00)
4.5	-32.							2						2	09		-	1							- 2	85	5	4.6							12	00)
4.5	33,							2						2	4			6							3	70)	6.6							16	01)
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	3.88																																		6.5		
ir:	188	В	o	rd	le	r	SI	10	aı	rs.	. 8	in			- 5	81	7	5	В	es	ıŧ.		. 46									13	ie.		4.6		

BUSTLER LAWN RAKE. 50c. (Wheels, 50 cents extra). LAWN RAKES.

60.00

28 00

Hustler," (see cut),

LAWN SCYTHES. 60c.

SCYTHE STONES. Darby, 5c.





LAWN SPRINKLERS

ALL IRON HOSE REEL.



GRASS SHEARS.

TURF EDGER.



WATER TRUCK AND BARREI (Steel Wheels) 21/2 inch, \$8.00.

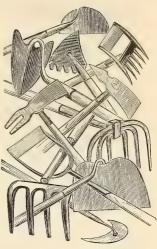


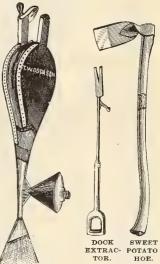
LEAF RACK. \$8.50.



Horticultural and Farm Tools.

Tortiodica	rar ara	GI	1111
Asparagus Buncher, Acme, \$1 50	Glazing Points, per 1000 (posto	Each.	
Axe, handled, light, 75c.; heavy, . 95	10c. extra),	\$0 6 0 00, 55	
" mattock, 70c.; with handle, . 80	Pincers, for applying above (poste	ige	
Bellows, "Double Cone," for pow- der, 2 75	10c. extra),	50	
Bellows, "Single Cone," for pow-	Grafting Wax, ¼ lb., 10c.; p doz., \$1.00; ½ lb., 15c.; per do \$1.50; lb., 25c.; per doz.,	oer oz	
der, 1 75	\$1.50; lb., 25c.; per doz.,	2 50	
Bellows, "Single Cone," small size, 1 00	(Postage on Grafting Wax 10c. 1 lb. extra.))er	
Bellows, Vaporizing, for fluid,	Grass Hooks, American, per do	Z., 25	
Bill Hook, for shrubbery, 1 00	\$2.50, English, rivet	ed	
Border Knife, for turf-edging, . 35	back, extra, No English, rivet	. 1, 45	
lish, 1 25	back, extra, No.	2, 50	
Border Knife and Scuffle Hoe,	" " English, rivet back, extra, No	. 3, 55	
9 in, blade,	Hand Cart, Lawn and Garden, Hanging Baskets, Rustic, 8 in		
7½ in. blade, 65	10 inch, \$1.25; 12 inch, \$1.50.	., 100	
Brooms, Rattan, for stable, 4 Row, 50	Hanging Baskets. Wire, No.		
Brush Hook, axe handled, 1 00	30c.; No. 12,		
Dibbles, steel pointed, iron han-	Hoes, Draw, 5, 6, 7 and 8 inch,		
dle, 30 steel, wood handle, 40	"Scuffle, imported (handle	es, .	- " " =
brass, wood handle, No.1, 50	10c. each extra), 5 in., 40c.; 6 in 45c.; 7 in., 50c.; 8 in., 55c.; 9 in	n.,	HOES, VARIOUS
" pointed, wood han-	60c.; 10 in., 65c.; 12 in.,		0 -
dle, No. 3, 70 Dock Extractor, 2 00	4 in., 30c.; 5 in., 35c.; 6 in., 40	c.;	
FLOWER POTS—Standard.	7 in., 42c.; 8 in.,	45	
Doz. 100. 1000.	" medium, 45c.; lar	ge, 50	R. C.
13/4-inch, \$0 07 \$0 45 \$3 50	Hoe and Rake, 4 tooth, 35c.; 6 to "Celery, 14 inch,		
21/4 " 9 54 4 50	" Grubbing or Sweet Potato,	. 1 00	T.WOODASAN
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	"Onion, 1 prong, 25c.; 2 pron Horse Boots, per set of 4,		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
$4\frac{1}{2}$ " 24 1 44 11 25	HORSE RADISH GRATE Perforated Tin Cylinder,		
5 " 30 2 00 16 00 5½ " 43 2 80 22 00	Steel Pin,		WI W
6 " 50 3 35 26 00 7 " 76 5 00 40 00	HOSE REELS-All Iron	1.	
8 " 1 08 7 00 60 00	No. 10, for 100 ft. 34 in. hose,	. 2 50	
9 " 1 85 12 00 95 00 10 " 2 10 14 00 125 00		. 2 75 4 50	
FLOWER POT SAUCERS.	HOSE REELS—Wooder		
Size. Dozen, Size. Dozen,	"Lowell," for 100 ft. ¾ in. hose,		
4-inch, \$0 15 9-inch, \$0 60 5 " 20 10 " 80	"Excelsior," for 200 ft. 34 in. ho	se, 1 50	
6 " 25 11 " 90	HOSE, RUBBER.—Prices in	clude	
7 " 30 12 " 1 20 14 " 1 50	couplings.	h 2 50	
Floral Tools, set of 4 small, \$0 25	Best Para, 34 in., per 25 ft. lengt	h, 3 50 6 75	E
" set of 4, long han-	STANDARD OR CHEAP GI	RADE.	
dled, 40 Forks, Digging, 4 prong, 65c.; 5	34 in., per 25 ft. length, 50 "		SINGLE CONE BELLOWS.
prong, 80	Hose Menders (postage extra 16		BEBEOWS.
" Manure, 4 tine, 50c.; 5 tine, 70	per dozen), 3/4 in., 5c. each; p	er	(Circ.
" Hay, 2 tine, 30c.; 3 tine, . 40	doz.,		(E9) 53
" Hand-weeding, (postage 10c. each, extra), per doz.,	ing, spray and stream (postage 5	ic.	
\$1.25,	extra), ¾ in.,		
Fruit Picker, Wire, 50	(postage 5c. extra),	. 65	
Fumigators, Eureka, No. 1, 12 inches high 1 00	Hose Nozzle, "Bordeaux." The best spraying nozzle. Price. f	he or	
" Eureka, No. 2, 16	best spraying nozzle. Price, f either ¼ in. pipe or ½ in. ho (postage 5c. extra),	se . 65	
"Eureka, No. 1, 12 inches high, 1 00 Eureka, No. 2, 16 inches high, 1 50 Eureka, No. 3, 20 inches high, 2 00 Eureka, No. 4, 24 inches high, 2 75	Hose Nozzle, Child's "Rain	n-	
" Eureka, No. 4, 24	maker,"	. 65	
inches high, 2 75 Grafting Chisels (postage 10c.	Hose Nozzle Holder (postage 5	. 20	FUMIGATORS.
each, extra), 60	Hose Couplers, per pair,	. 10	2200
Garden Lines, 40 ft. (postage 10c. each extra), 30	Hot Bed Mats, straw, 3 x 6 feet, \$11.00 per doz.	. 1 00	
" 120 ft	Hot Bed Mats, "Burlap Lined with wool and cotto	• **	ENGLISH
Glass Cutter and Glazing Tool	Lined with wool and cotto waste,6 x 6 feet, \$9.00 doz.; each	on h, 85	RIVETED BAC
(postage 2c. each extra), per doz.,	Knives, Budding, ivory handle	es,	GRASS HOOK
75c., 8	(postage free),	. 1 00	٧







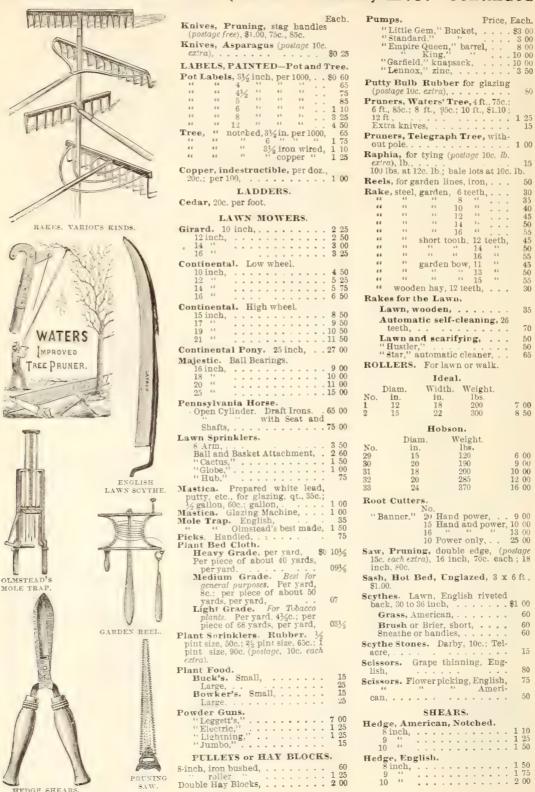
DIBBLE.



HEDGE SHEARS



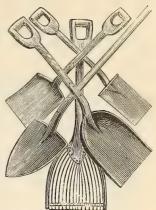
Horticultural and Farm Tools, Etc.-continued





Horticultural and Farm Tools, Etc.—continued

1101 (1001(01 01 0	1124 (41 122 1 0010	,
SHEARS—Continued.	THERMOMETERS.	
Price, Each.	Self-Registering, registers both heat	A SE
Grass Border or Edging. 8 inch with wheel	and cold. Each. White enameled case, 8 inch	
8 inch with wheel, \$2 25 10 " " 2 75	White enameled case, 8 inch, \$2 75 Japanned Tin Cases. 7 inch, 15c.: 8 inch, 18c.: 10 inch, 20	
Without wheels, 50c. less. Pruning, German, 50	Hot-bed and Mushroom Bed,	1
6 inch (Perfection, all steel), . 2 00	brass mounted and tipped, made especially for plunging, 1 50	limin
7 inch, 2 25 Grass or Trimming.	Tree Scraper, 40	
6 inch, 50	TREE TUBS, White Cedar. Heavy iron hoops, drop handles, iron	
7	legs, removable perforated bottoms. Painted	
SHOVELS.	green outside and brown inside. No. Outside Diam. Length of Stave. Price.	
Smooth back,	0 27 inches 24 inches \$6 50 1 25 ''	
Ames' extra quality,	2	
Round point, 75 Scoops, barn, 1 00 Wire potato, 1 25	418 "16 "375	
	516 "14 " 2.75	
SIEVES.	713 " 2.25	
18 inch, any mesh, 50 20 " " " 60	812 "10 " 2 00	
20 " extra heavy,	TROWELS.	
SPADES.	Ordinary, 5 inch, 10c.; 6 inch, 15c.; 7	
Smooth back,	inch, 20c. Solid steel, 6 inch, 45c.; 7 inch, 50c.;	
Ames' extra quality, 1 00 Sprayers. See Pumps.	8 inch, 55c. Transplanting, 30c.	
STAKES. Plant.	Cleves angle, small, 15c.	
Round, Tapering, Painted Green, Each, Per doz. Per 100.	" large, 20c. Tree Pruners. See Pruners.	
1½ ft., 3c. 15c. \$0.80 2 ft., 3c. 25c. 1 50	WATERING POTS.	SIEVE
2% II 4C. 50C. 2 25	Galvanized.	
3 ft., 5c. 50c. 3 00 4 ft., 7c. 70c. 4 50 5 ft. 8c 80c 5 50	4 quart,	
010.,	8 " 60	
Stakes or Dahlia Poles. Each. Per Doz. Per 100.	10 "	
3 ft., 7c. Fer Doz. Fer 100. \$4 50	16 " 1 00	TRANSPLAN
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20	TROWE
6 ft., 14c. 1 25 8 50	"Wotherspoon." Heavy galvanized, with long spout and 2 brass roses.	
SYRINGES, solid brass. No. A. Barrel, 12 inches long.	-4- 1	
1 spray and 1 stream rose, \$1 75	4 quart, \$1 35 6 " 1 50 1 75 1 8 " 1 75 1 0 " 2 00 2 2 25 1 6 " 2 2 75	14
No. 2. Barrel, 13½ inches long. 1 coarse and 1 fine	Fars 10 " 2 00 82 12 "	
spray and 1 stream rose, 3 50 No. 10. Barrel, 18 inches long.	Low, for greenhouse, 4 quart, 1 35	
1 coarse and 1 fine spray and 1 stream rose, with patent	French. Oval shape, with brass round	
valves and elbow joint, . 5 00	handle. 6 quart, \$1 25	
No. G. Barrel, 16 inches long. 1 spray and 1 stream rose and	8 " 1 50	(3)
No. H. Barrel, 18 inches long.	Tin. Painted green. 1 quart,	STEEL.
(Sheet brass.) 1 spray rose, 2 00 Syringe Vaporizer, 85	2 "	TROWELS.
Tomato Support. Galvanized	6 "	
iron, 15c. each; per doz., 1 65	10 " 45	
Torch, Asbestos, for worms on trees (postage 10c. extra), 40	WATER BARREL AND TRUCK.	
TRELLIS.	Fitted with 1½ inch tires, 7 00 2½ 8 00 3½ 8 50	
No. Per dozen.	" " 3½ " " 8 50	
00 18 inch,	Handcart, box extra, 2 25 Leaf rack, extra, 3 50	
0½ 24 " 7½ inches wide, . 1 50	Sprinkler attachment, extra, 2 00	
2 30 " 14 " " . 3 00	WEEDERS. Hand.	
3 36 " 14 " " . 3 50 Fan. Each.	Excelsior, 10 Three-prong fork, 15	COMBINATI
3½ feet high,	Combination, 25	A A A
5 " "	Laing's,	
6 " " 1 50 Veranda.	Wheelbarrows.	
2 feet,	K. & J., No. 2 3 00	
3	" 4 4 00	
5 " 18 inches wide,	Canal, wood body, 1 75	A
7 " 18 " " 1 00	No. Wine and Berry Presses.	
9 " 20 " " 1 50	1,	3-prong.
10 " 20 " " 2 00	3,	HAND W

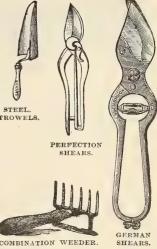


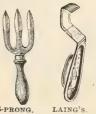






WATERING POTS.





EXCELSIOR.

PUMPS AND IMPLEMENTS FOR APPLYING INSECTICIDES



SPRAY YOUR FRUIT TREES

We have a very complete line of insecticides and force pumps, and we issue a special "spraying outfit" circular, which we mail upon request

"STANDARD" BUCKET PUMP, with pipe extension. This is an unusually good pump. The pumping is done by the downward stroke, so it is held firm and steady without a foot rest. Fitted with extension pipe and nozzle that will throw a fine mist or solid stream, as needed. All brass working parts. Price, \$2.75.

EMPIRE QUEEN PUMP. Has mechanical agitator; all brass working parts; a good air chamber. Price, without barrel, fitted with five feet of hose and graduating nozzle, \$8.00.

EMPIRE KING PUMP. Similar to Empire Queen, but much larger and more powerful. Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$10.00.

GARFIELD KNAPSACK SPRAYER. For applying Bordeaux Mixture and other fluid remedies in a mist-like spray, "GARFIELD" KNAPSACK SPRAYER machine is made entirely of copper and brass, and the chemicals with AGITATOR.

"Price, \$10.00.

"BORGAUX MIXTURE and other huld remedies in a misc-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black rot and kindred diseases. The with AGITATOR.

will not corrode or rust it. The air chumber keeps up a pressure so a continuous discharge is given. (Sec cut.) Price, \$10.00.



TANDARD PUMP FOR RUCKET OR BAPREL Price, \$2.75.



GREEN'S-TWO ROWS AT ONCE. \$7.00.

THE ASBESTOS TORCH. Saturate with kerosene and burn out the caterpillar nests. Price, 50c. each.

LEGGETT'S IMPROVED POWDER LEGGETT'S IMPROVED POWDER GUN. For applying any dry powder, such as Paris Green, London Purple, Hellebore, Insect Powder, Lime, Plaster, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes, that carries with it a small portion of powder. The quantity may be increased or diminished as desired. (See cut.) Price, complete, S7.00. Price, complete, \$7.00.

EDDY'S PARIS GREEN DISTRIBUTER. For dusting Paris Green and Plaster, or Slug Shot. The weight is carried by a strap across the shoulder. (See cut.) Price, \$1.25.

BELLOWS FOR DISTRIBUTING DRY POWDERS. Large Double Cone, \$2.75; Large Single Cone, \$1.75; Small Single Cone, \$1.00.



EMPIRE KING PUMP WITH AGITATOR. Price, \$10.00.



EDDY'S PARIS GREEN

INSECTICIDES

POWELL'S QUASSAINE, a paste.

This article is non-poisonous. A specific for San José Scale, Red Spider, Aphis, Hop Lice, Borers and Scale Insects of all kinds.

1	lb. cans,	price,	\$0,25,	makes	25	gal. of	Spray
- 5	6.6	6.6	1.25,	4.6	125	6.6	6.6
25	4.6	4.6	4.50.	14	625	4.6	6.6
200	4.6	4.6	45.00	6.0	7500	4.6	6.6

KEROSENE EMULSION, a paste.

This is strictly an Insecticide for Plant Lice of all kinds, Rose Bugs, Cabbage Bugs, Melon Insects, Fowl, Human and Animal Lice, Caterpillars, Tobacco Flies, Peach Lice, Red Spiders, Green Fly and all sucking insects.

1	pound	cans.	price,	\$0.15,	makes	10	gallons	of	Spra
- 5	14	61		.60,	6.6	50	6.6	6.6	6.6
25	4.4	8.6	4.6	2.50,	8.6	250	4.6	6.6	4.6
300	4.6	barre	l. "	24,00,	6.6	3000	6.6	5.6	4.4

POWELL'S COPPERDINE,

A paste, poisonous to human and animal life, a combined

A paste, poisonous to human and animal life, a combined Fungicide and Insecticide.

As a Fungicide this article is recommended for Black Rot, Downy Mildew and Anthraenoze of the Grape, Pear Leaf Blight, Apple Scab, Mildew, Bean Blight, Potato Blight, Melon Blight, Pear Cracking, Apple Rot, Peach Curl, Quince Blight, Black Spot, Strawberry Blight, Tomato Rot and Tomato Blight. As an Insecticide for Codlin Moths, Curculio, Pear Insects, Crown Borers, Leaf Rollers, Saw Flies, Currant Worms, Cabbage Worms, Leaf Hoppers and Potato Bugs.

1	nound	cans.	price.	\$0.25,	makes	16	gallons	of	Spray.
- 5	11	64	11	1.00.	6.6	80	- 66	. "	6.6
25	8.6	4.6		4,50,		400	4.6	4.6	4.6
300	6.6	barre	1, "	51.00,	6.6	4800	4.6	4.6	61

IMPROVED BORDEAUX MIXTURE.

To be Mixed with Cold Water.

1:1b.	boxes,	price,	\$0.15,	makes	5 g		Spray.
5	6.6	6.5	.60.	4.6	25	6.0	6.4
10	6.6	6.6	1,00,	6.6	50	4.6	6.6
25	4.6	6.6	2.50.	6.6	125	4,6	6.6
	barrel.	6.6	24.00,	61	1500	6.6	4.6

Tobacco Dust. Fine quality. (Don't confound this with the cheap ground tobacco stems.) \$2.50 per 100 lbs. Tobacco Stems.

Per bale of about 250 lbs., \$1.50.

Whale Oil Soap. 10c. per lb.; \$8.00 per 100 lbs.

London Purple. Price, per lb., 22c.

Paris Green.

Price, per lb., 20c.; 5 lbs., 90c. Get special price on large lots.

Persian Insect Powder.

Price, per 1/4 lb., 15c.; per lb., 40c.

Fir Tree Oil.

Price, per ½ pint, 50c.; pint, 75c.; quart, \$1.25; ½ gal., \$2.25; gallon, \$4.50.

Fir Tree Oil Soap. Price, per can, 75c.; 2 lb. tin, 75c.; 5 lb. tin, \$1.75.

Slug Shot.

Price, per 5 lb. pkg., 25c.; per 100 lbs., \$3.50; in full bbls., 3½c. per lb.

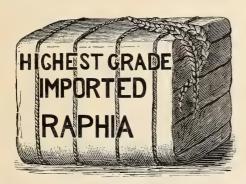
Hellebore. Pure white. Per lb., 25c. Lemon Oil Insecticide. For Mealy Bug, Scale, Thrip and Red Spider. Price, ½ pint, 25c.; pint, 40c.; quart, 75c.

PLANT BED-CLOT

A SUBSTITUTE FOR GLASS SASH ON HOT BEDS AND COLD FRAMES



This will be found an excellent substitute for glass (at one-tenth the cost) in protecting all kinds of seeds and plants on which glass sashes are used in early spring. It is safer in fact than glass, as it protects at night, while the temperature is not raised too high during the day—as is the case with glass sashes unless great care is given in ventilating—and being light and portable, it can be sent into sections where it would be difficult to get sash. LIGHT GRADE, mostly used in the South for tobacco beds and in the North for shading greenhouses, per yard, 4½c; by the piece of 68 yards, 3½c per yard. MEDIUM GRADE, the best for general purposes, per yard, 8c; by the piece of 50 yards, 7c. per yard. HEAVY GRADE, water-proof and advised for States north of Pennsylvania, per yard, 10½c; by the piece of 40 yards, 9½c. per yard. This will be found an excellent substitute for glass (at of 40 yards, 93/4c. per yard.



Large asparagus growers find this substance to give better satisfaction for tying asparagus into bunches than anything else they can get. It is light, strong, neat, durable and cheaper than any other tying material made. Per lb., 15c.; 100 lbs., 12c. per lb.; per bale of about 200 lbs., 10c. per lb.

JADOO FIRRE



"Jadoo" fibre is a new growing substance for plants of all kinds. Plants of all kinds make a marvelous root growth when placed in "Jadoo," and show at once a rich, dark green foliage, sho win g a healthy growth. Crotons and other foliage plants thrive most luxuriantly in it. Seeds germinate more quickly in "Jadoo" than in earth. Owing to its spongy nature, it retains moisture twice as long, and requires watering only half as often. "Jadoo" fibre is a new growoften

PRICE OF "JADOO FI-BRE:" 5-lb. box, 30c.; 10-lb. box, 50c.; 25 lbs. for \$1.10; in full bag lots, about 130 lbs., 3c. per lb.;

per ton or 1/2-ton lot, 21/2c. per lb.

Jadoo Liquid Fertilizer

1 gallon makes 48 gallons for using. Is the cheapest fertilizer sold. Both meat and drink to plants. Revives drooping plants, strengthens the weak and nourishes the strong. Above

all, it increases the size, causes greater profusion of bloom, and heightens the colors of all flowers and plants. Can be used on flowers or plants that are grown in earth or "JADOO FIBRE."

PRICE OF "JADOO LIQUID:" 25c. per pint bottle; \$2.00 per dozen pint bottles; \$3.50 per 2 dozen pint bottles in case; per 2-gallon can, \$1.50; per 5-gallon can, \$3.75; per 10-gallon can, \$7.50.



TWINE FOR TYING TRUCK

Jute. One, two, three, or four-ply, each 50c. per bag of 5 lbs.; per 100 lbs., \$8.00.

x. Two-ply, usually used for roping onions, \$1.00 per bag of 5 lbs.; per 100 lbs., \$18.00.

tton. For tying herbs, very fine and soft, \$1.00 per bag of 5 lbs.; for tying beets, radishes, etc., 85c. per bag of 5 lbs. For tying celery, this twine is little coarser than that used for tying beets or radishes. Per bag of 5 lbs., 90c.

FERTILIZ

Hard Wood Ashes.

Per bbl. of about 200 lbs., \$2.25; per ton, \$20.00. Write for prices of car lots in bulk.

No. 1 Bone Phosphate. Per bag of 200 lbs., \$2.50; per ton, \$23.00.

Peruvian Guano. (Lobos Island.) Per 100 lbs., \$2.50; per ton, \$45.00.

Ground Steamed Bone Meal. Per bag of 200 lbs., \$3.00; per ton, \$25.00.

Pure Raw Ground Bone.

Per bag, 200 lbs., \$3.25; per ton, \$27.60.

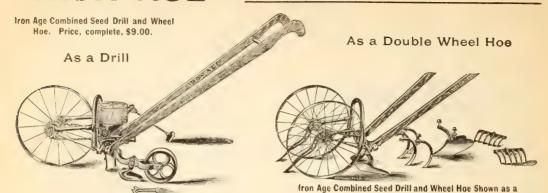
		Per Ton.
Mapes'	Potato Manure,	\$39 00
74	Tobacco Starter,	35 00
6.4	Fruit and Vine Manure,	39 00
6.6	Orange Tree Manure	37 (0
4.6	Complete Manure for Heavy Soils,	39 00
6.6	" " Light "	. 41 00
6.6	Cauliflower and Cabbage Manure,	
6.6	Corn Manure,	36 00
6.6	Grass and Grain Spring Top Dressing,	40 00
66	Complete Manure (for general use),	38 00
Gilt Edg	e Potato Manure,	27 00
Tomato (Guano,	, , 24 00
Cabbage	"	24 00
Nitrate o	of Soda, 10 lbs., 50c.; 100 lbs., \$3.00.	

Send for Descriptive Circulars of all Mapes' Manures.



"IRON AGE"

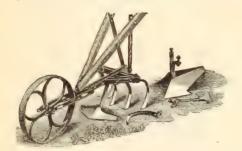
DRILLS, WHEEL HOES, CULTIVATORS AND HORSE HOES



Double Wheel Hoe.

Iron Age Combined Seed Drill and Wheel Hoe

This new tool is very strong and very light. The steel wheels are 16 inches in height. As a Double Wheel Hoe the arch is high, capable of working 20-inch plants, and can be quickly changed to a Single Wheel Hoe. The Drill Attachment is complete in itself and requires but two bolts to secure it. It sows every variety of seed, and the opening plow is adjustable in depth and reversible, one end being wide for onion seed and the other narrow for sowing in a straight line. Price, complete, \$9.00. As a Wheel Hoe only, \$6.0).



"Gem of the Garden" Wheel Hoe

This is an excellent Wheel Hoe that has stood the test of time, and no better Wheel Hoe is on the market to-day.

PRICE.

Single Wheel Gem, compl	ete,	 		 . \$3.25
" plain, with				
Landside Plow attachmen	t,	 		 75
Onion set gatherer,				



New Model Seed Drill

We have sold the New Model Drill for years, and it always gives satisfaction. It is strongly made, sows any kind of seed with regularity, and is one of the steady reliables. Price, \$5.50.

HORSE HOES, CULTIVATORS AND PLOWS



Diamond Tooth Harrow. Price, \$3.00.

Plain five-tooth No. 1 Iron Age, Iron Age, seven Horse Hoe attac	plain cult -tooth cult	ivator, tivator						٠	$\frac{2.75}{3.25}$
Iron Age	Horse	e Ho	oe a	ınd	Cı	ılti	iva	at	or
With lever expa									\$6.00
Plain wheel atta	chment,								.45
Lever "							0 0		1.00
Adjustable weed	iers, each,								00,
Diamond shape	1 teeth for	harro	w, .					4	.00
Iron Age steels,	per set of	five,							.40
Hillside, Syrac	use No.	6 Plo	w, .						12.00
Swivel, "Subsoil, "	66 5	36 "							7.50
Subsoil, "	66 4	18 "	w	ith w	heel	2 *			9.50



Advance Chilled Plows

These plows have been on the market for years, and have no superior.

No.	28,	one	horse																			\$4.25
4.6	29.	4.5	6.6																	٠	٠	4.50
6.6	30.	6.6	4.4																			5.00
6.6	31.	sma	ll two	ho	rs	8	(W	rit	h	W	he	:el	. 8	n	d	10	in	ıtε	er)			8.00
5.5	32.	two	horse	(11)	itl	l i	w	16	el	aı	$^{\rm nd}$	i	οi	nt	er),					٠	10.00
6.6	33.	larg	e two	ho	rse	3 (W	ith	1	wŀ)e	ei	aı	nd	li	οî	nt	er	٠).			11.00
6.4	34.	16	+ 4	4	í.						. 4		4	h.			4.4					12.00
6.6	36,	left	hand	(wi	th	v	vh	ee	1.	an	d;	jo	in	te	r),							12.00

Boss Plows

A great trucker's plow,								. \$4.50
70 1 1 1 1 31 4 4								1.50
Double moldboard, extra.								. 1.00





THOMPSON'S WHEELBARROW GRASS SEEDER. Price, \$6.00,

	Each.
Asparagus Bunchers, "Acme" (Knife Guard, extra, 50c.)	. \$1 50
Bag Holder, "Worrell," to fasten to barrel	1 50
with stand	. 200
Boilers, for farmers and poultrymen:	
15 gallons, for wood \$11 00 For coal	. 13 00
22 " " " " 13 50 " " "	. 16 00 . 21 00
45 " " " 23 00 " "	. 28 00
Cider Mills, "Buckeye," Junior	. 10 00
Deliioi ,	. 18 00
Corn Planters, Hand.	. 1 75
Corn Shellers, Wood's, small	. 2 00
" larger "Favorite, Jr."	. 4 50
	. 5 00
" "Hocking Valley"	. 6 00
" "Spangler," single hole	. 9 00
double note	. 16 00
Dirt Scrapers, solid steel, with runners	. 7 00 . 90
iron "	. 1 00
Fodder and Hay Cutters:	. 100
Hand Lever	. 4 00
"Telegraph," No. 5	. 11 00
(I) 1 1 N O D II 1 D	. 14 00
"Dick," No. 2 B. Hand Power	보 _ H
" " 4D. Poweronly	Stalk tters extra.
" 4D. Hand and Power	orn Stalk Splitters .00 extra
" 5 E. Power only	rig8
" 5 E. Hand and Power	Corn Split
or. Fower only	
Fruit Dryers, cook stove	5 00 6 00
" Cahoon Broadcast	3 00
Grinding Mills, Quaker City, No. 10, for Power	45 00
Grindstones, Farmers', 18-inch	. 3 00
" 20 " · · · · · · · · · · · · · · · · · ·	. 3 25
" Carpenter's 20-inch, imported stone, with anti-	4 00
friction rollers and water can	7 00
Hay Forks, Harpoon, Double	1 25
Harrow "Acme," Pulverizing, No. 17	15 00
Horse Redich Creater tip als described as	. 10 00
Horse Radish Grater, tin clad cylinder	6 50
" " with legs and treadle	12 00
Hog Ringers, complete, with gross rings	45
Lanterns, tubular	50
Plows, Advance Chilled No. 28, \$4 25 No. 29	
	3, 11 00
" " 34, 12 00 " 36	5, 12 00
" Boss, No. 21/2	4 50
" Double Moldboard, extra	. 1 50
	. 12 00
" Swivel, " " 36 Subsoil, " 48 with wheel	. 7 50 . 9 50
Sausage Stuffer and Lard Press, japanned, No. 5, 2-quart, \$3.00;	9 00
No. 25, 4-quart, \$4.50; 8-quart, \$6.00.	
Scratch Harrows, Square, 30-tooth, \$8.00	





WINE AND BERRY PRESS.

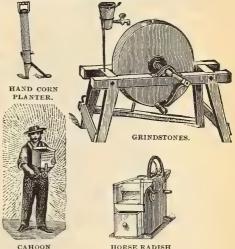


SPADING HARROW.
Price, \$20.00.

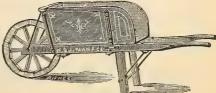


LEVER SPRING SPIKE TOOTH HARROW. Price, \$12.00.

The above line of Disc, Spading, Spring-Tooth and Spike Harrows, are strictly up-to-date. The finest of their classes, and the prices are right. Send for Complete Catalogue.



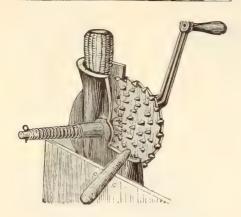
CAHOON HORSE RADISH GRASS SEED GRATER, SOWER.



K. & J. WHEELBARROW.



Gorn Shellers



Box Hand Shellers

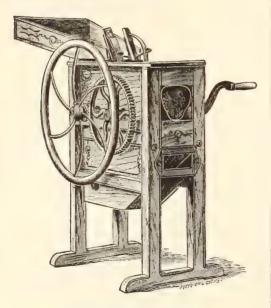
Bolts to any box or bench, and works perfectly, separating the corn from cobs. Price, \$1.75 each.

"Favorite Jr."

An excellent cheap Sheller. Right hand, and separates corn from cobs. Price, \$4.50.

Hocking Valley Sheller

A heavier Sheller than the Favorite. Strong and well made. Price, \$5.50.



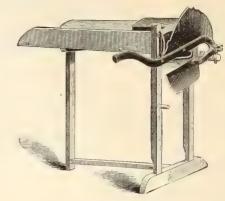
"Invincible" Sheller

A heavy one-hole Sheller, made to do first-class work. Separates, and will be found an excellent machine. Price, \$7.50.

"Lightning" Two-Hole Sheller

A heavy two-hole Sheller, capable of doing large work. An excellent Sheller. 2 holes. Price, \$12.50.

Hay, Straw and Fodder Cutters

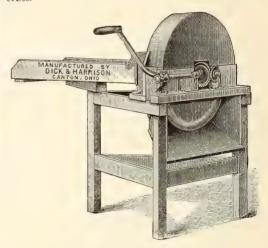


Lever Cutters

When only one or two head of stock are to be provided for, the Lever Cutter will be sufficient. They are furnished with gauges regulating the length of cut. Price, \$4.00.

Telegraph Hay Cutters

These tools have been on the market for years, and are yet ahead of all competition for finish and capacity of work. We also keep in stock other similar makes. They will be found very satisfactory for cutting hay and light fodder for from four to six head of stock. Price, No. 5, \$11.00; No. 4, \$14.00.



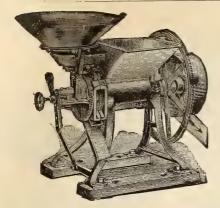
Dick Fodder Cutters

Are simple in construction, easy to operate, and the most perfect implement for cutting feed in the world. Special features of this cutter are: Straight knives; adjustable shear bar; patent knife adjustment; self-feeding universal rolls, which yield to the uneven thickness of the feed passing between them; a lever giving you complete control of the rolls, revolving them forward, backward or stopping them at will; encased feed-gear on all power machines, which protects the gearing from grit and dirt, and renders the machine absolutely safe to operate. It is more durable, less liable to get out of order, cuts more feed with less power than any machine in the market.

PRICE-LIST

No.	2 B,	Hand Po	wer,							٠						\$19	00 J	ir e
	3 C	6.6	1.1				_									21	00 I	d :
6.6	4 D,	Power on Hand and Power on Hand and	ly, .		4		۰								٠	25	00 1	rs
	4 D,	Hand and	i Pov	V€	er,		٠	٠	٠		٠	٠	٠	٠	٠	29	00	te e
- 1	5 E,	Power on	IV.								٠		*	۰	*	52	00	SEE
	5 E,	Power on	Por	V€	er,	٠	٠	٠	۰	٠	٠	*		•	٠	50 40	00	7. d
	6 F.	Power on	1V				۰								4	40	00)	tota ou





Quaker City Grinding Mills

An excellent mill for grinding corn on the cob, also all shelled grain, bones (after they have been boiled twenty-four hours -not green bones), oyster shells, crackers, dried bread, spices, coffee, etc.

No. 5, for Hand or Power, including extra set of cones,	\$20 00
No. 10, Power only, weight 300 lbs., 2 to 8 Horse-Power, including extra set of discs,	45 00

Farm Grist Mill

For grinding corn and cob, fine corn meal and Graham flour for table use. Either hand or power. Capacity, 5 to 8 bushels per hour. Weight, 150 lbs. Pulley, 8 inches. Price, bushels per hour.

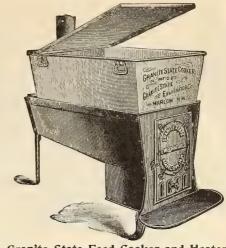


Seamless Steel Baskets

Made in one piece of sheet steel pressed into same shape as splint basket. No seams, no joints. Perfectly smooth, can't leak or rust, and can be used for anything that an ordinary basket is good for. Hold just one bushel. Japanned and

	G.	aivanize	и,	
			OTHE	R BASKETS
11	oushe	Splint	Basket,	Galvanized Iron Bound,
1	66	-66	46	Iron Bound,
1	66	66	44	Not Bound,
1/2	66	66	66	25c. each, \$2,75 dozen.
1/2 1/2 1/2	66	Stave 1	Basket, 1	Wire Strapped, \$1.25 dozen.
1/2	66	66	46	Plain,
86 (ıart Ber	ry Crates,	complete, each, 60c. Per dozen,

Quart and Pint Boxes. Per 100, 60c. I Wooden Slat Separators. \$3.50 per 100. Per 1000, \$5.00.



Granite State Feed Cooker and Heater

For heating or cooking all kinds of food for Hogs, Cattle, Poultry or Dogs. Also for heating water when butchering hogs, and with an extra boiler for rendering lard, making soft soap, boiling clothes, etc. Require very little fuel, the sides and linings being of Sheet Steel Plates, and the boiler of Galvanized Steel that will neither rust nor corrode, nor receive reinting. quire painting. DDICES

I IUI CES.																			
																		\$12	00
				٠								٠				٠		17	00
٠	٠	٠	*			٠	٠		٠	,	v	٠			٠			24	00
		: :	: : :											 					\$12



POULTRYMEN'S BOILER

Often in preparing cooked food for poultry, articles are used that, while just the thing for poultry, the house-wife does not like the odor through the house. A boiler of this sort can be used outside or in the outbuilding. We have them for wood or for coal.

PRICE-LIST.

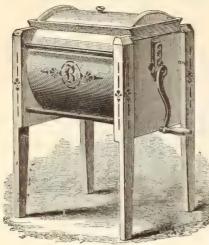
15	gal.,	for	wood,	\$10	00	for	coal,	\$13	04
22	15		+ 6	12	50	6.6	6.6	15	00
30	6.6	6.6	4.6	16	00	6,	6.6	20	00
45	6.6	6.6	6.5	22	00	6.6	6.6	27	00

OIL STOVE HEATERS.

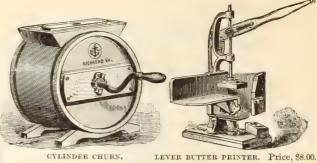
For Poultry Houses, Consectories and Bath-Rooms. Conserva-

This is a regular two large wick oil It is a regular two large wick off stove with a sheet fron drum securely fitted to act as a heat radiator. It is as-tonishing how much heat they throw out, and the price is very low. Price, complete, \$2.00.





THE BLANCHARD CHURN.

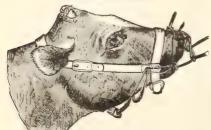


. Dairy Supplies .







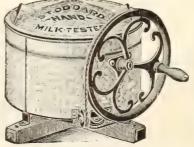


HOOSIER CALF WEANER, SHOWING POSITION WHEN TRYING TO SUCK.



Bull Guard, a perfect tamer (see cut on opposite page),	\$5 00
Leaders, fasten in nose, small,	10
li di large	
MALEC, DE	15
IVIUES, CODDER, 2-Inch (See Cat), a series and a series a	20
272	25
	30
Butter Color, 6-oz. bottles,	25
Mourds, Reid's,	1 40
Seeley S, ½-10, 50c.; 1-16, (8ee citt),	75
" Paddles,	20
Prints, Round, ½-lb., 30c.; 1-lb. (see cut),	40
" Printers, Lever, either 1/2 or 1 lb. (see cut),	8 00
"Lafayette," either 1/2-lb., or 1-lb.,	10 00
Complete with table,	15 00
\$1 extra for initials or monogram.	20 00
" and Cheese Tryers, polished steel, 5-inch,	1 10
11 11 11 11 11 11 11 11 11	1 35
15 15 15 16 16 16 18 16	1 75
Workers, Reid's, No. 4, capacity 10 lbs.,	4 00
3. 10 20 11	5 00
0, 20	6 00
3, 20 6	7 00
Calf Foodows Smalls	
Calf Feeders, Small's,	2 00
Extra Nipples, 25c. each, per dozen,	2 50
Colf Wasser, A. A. C. C. C. L.	
Calf Weaners (also Anti Cow Suckers).	
Harvey's, for calves, 40c. (see cut), cows,	50
Rice's, No. 1, 25c.; No. 2, 45c. (see cut),	60
Hoosier, calves, 75c. (see cui), cows,	1 50
Cheese Tryers. (See Butter Tryers.)	1 00
Oncese Anjers, (See Dutter 11) ets.)	

			,	CHUM												
hurns,	Blanch	ard, No.	3, 2	gallon	s (see c	$u^{i}),$									4 (00
6-	6.6	6.5	4, 4	16							 				4 :	50
4.4	+ 4	1.6	5. 8	4.4							 				5.3	50
4.9	5.6	6.6	6. 12	4.6										i	7 (00
**	PL.		7, 16	6.6									_	Ċ	8 (
	5.6			ng, No	0.00	rall	on.	e .	Ĭ.					•	2 (
	4.6	2.,5	16		1, 3	San	6	9		-	 	_			2.3	
			16	6.4	2. 4		à.								2	
14	Celina	der, No. 1.	9 00	110mg /		1									1	
64	Cymin	2.) enons	see cai	100			٠		 	۰		۰	2 (
6.6	6.6	" 3.		6.6						۰				0	2 8	
- 1	Contra	υ,		1 0 -								٠	٠	۰		
16	spains	(complete), No		luarts,	, .			0		 	۰			4 5	
16	6.6	16	64	2, 15					٠	0					5 (
			1.4	3, 20	6.6										5 3	
1.5	6.6	6.6	6.6	4, 24	6.6										6 (Ю
E 6	8.6	6.4	4.6	5, 32	4.6										6.7	5
	4.6	6.6	6.6	6 44	6.6										7.7	15



BARCOCK'S HAND MILK TESTER. 4 bottle, complete, \$8.00. 8 10.00.



REID'S PEERLESS CREAMERY.

150

120

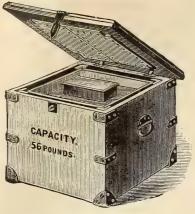
110 100 90

30

20 10

0









BUTTER SHIPPING BOX.

DAIRY SUPPLIES—Continued

			Cr	ea	m	eri	es.	$\mathbf{R}\epsilon$	i	ľ,	5	٤.	₽€	e	$\mathbf{r}\mathbf{l}$	e	S	•"			
No	o. 2,	2	cans,	4	to	6	cows	(S	ee	Ct	ιt).									\$21	60
66	3.	3	4.6	7	to	9	6.6													29	
6.6	4,	4	66	10	to	12	6.6												,	32	00
6.6	5,	6	4.6	13	to	18	6.6							,						41	60
6.6	6,	8	4.6	19	to	24	6.6		,											51	20

" 6, 8 " 19 to 24 "	:U
Labels, for sheep, hogs and cattle. Stamped with	
your name and numbered. (See Cut). For Sheep and Hogs, per dozen, 50c.; per 100, 25	
Punch for above, each,	
For Cattle, per dozen, 75c.; per 100, 4 5 Punch for above, each,	
Lactometers, each, 35c.; by mail,	50

Milk Cans.—Railroad. 20 quart, extra heavy, 30 """"""""""""""""""""""""""""""""""""							3	5
Milking Pail and Stool.								

Milking Pail and Stool, "Perfect,"	2 20
Milking Tubes, silver-plated, three sizes, each, .	30
Ox Balls, for the tips of horns, brass, each, 6c., 8c.,	4.0

Ox	Ba	ıll	ls,	for the	tip	s of	î ho	orns, br	ass.	eac	h.	6e.	, 80			
				d												12
Pa	rcl	133	ne	nt But	ter	Pa	ιрε	r.]	Per	1,	000	S	hee	ts.
	8	x	8	inches,	for	1/2	lb.	square	pri:	nts,					\$0	75
			9	66	6 6	1/2	6.6	round		6 '						85
	8	x	11	6.6	6.6	1	6.6	round	е "	6						90
	10	x	10	4.4	4.6	1	66	round	and	co	t. 4	$ch\epsilon$	es	e.		95
	9	x	12	6.6	1.6	1	66	66	ors	aue	are			-,	1	00
	12	x	12	4.4	6.6	col	ttas	ge chee	se.						1	50
	12			6.6	4.6	2	lb.	square	e pri	nts,						00
Ro	ot	C	ut	ters, B	anı	ıeı	(S	ee cut),							8	00
Sal	t F	to	11.	to faste	n t	o st	tall	s. com	plete	(Se	e c	ut).				50

Sait Kon, t																		90	
Extra S	alt Ro	olis,		٠	٠	٠	٠	٠	٠	۰	•	٠	٠	٠	٠	•		15	
Shipping H	Butte	r Boxe	s.																
Capacity	y, 20 j	pounds,												,			2	75	
- 66	30	44															3	25	
66	40	4.6								4							3	80	
64	56	4.6															4	00	
6.6	80	6.6															4	40	
6.4	96	6.6															4	60	
6.6	120	4.6															4	80	
Test Onen	ers.	Humai	no	7.7	70	T7	06	0	ne	mi	in	or i	ah	of	2011	10-			

Teat Openers. Humane way of opening obstruc-	
ted teats,	75
Thermometers.	
Floating Glass Dairy, 15c. each; per dozen,	1 60
Maximum and Minimum, each,	2 75
Hot Bed or Mushroom Bed, with brass end,	1 50
Wooden Back, red fluid,	35
Tin Case, 7 inch, 15c.; per dozen,	1 50
" " 8 " 18c.; "	1 75
" " 10 " 20c.; "	2 00





SMALL'S CALF FEEDER, \$2.00.



MILKING PAIL AND STOOL. \$2,25.



BULL GUARD in use A perfect tamer.



BANNER ROOT CUTTER. Price, \$8.00.



Butter Prints.-Round Prints, 1/2-lb, 30c.; 1-lb., 40c. Square Moulds, 1/2-lb., 50c.; 1-lb., 75c.

Square Mould.

Eagle.

Sheaf.

Pineapple.



POULTRY SUPPLIES

ABRIDGED LIST Send for Complete Catalogue

MEDICINES, ETC.



CHICK MANNA'S

Chick Manna. A complete food for little chicks. Price, 1 lb. pkg, 10c.; by mail, 25c.; by express, 5 lb. pkg., 40c.; 15 lb. pkg., \$1.10; 60 lb. case in bulk, \$1.20. Prepared Meat (Ground Beef

Scrap). Price, 10 lbs., 40c; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$1.80.00.

Animal Meal. A well-known and valuable food. Price, 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Cut Clover Rowen. Excellent to mix in the morning mash. 40 lb. bag, \$1.00; 100 lbs., \$2.00.

Pioneer Clover Meal. Finely

ground clover; a new article and very popular. 10 lbs., 30c.; 50 lbs.,

\$1.25; 100 lbs., \$2.00.

Pratt's Poultry Food. A well-known and reliable food. Price, 26 oz. pkg., 25c.; 5 lb. pkg., 60c.; 12 lb., bag,

FOODS

\$1.25.

American Poultry Food. Ground wheat, corn, oats and barley, kiln-roasted. Price, 5 lb. bag, 25c.; 10 lbs., 40c.; 50 lbs., \$1.00; 100 lb. bag, \$1.65; 500 lbs., \$7.09; ton, \$25.00. H. O. Poultry Food. An excellent food, largely used. 10 lbs., 40c.; 50 lbs., \$1.10; 100 lbs., \$1.75.

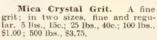
Granulated Bone and Fine Bone Meal. Price, 5 lbs., 25c.; 25 lbs., \$1.00; 100 lbs., \$2.25; ton, \$40.00.

Agatha Poultry Food increases egg production. Price, 5 lb. pkg., 35c.; 60 lb. case in bulk, \$3.t0.

Rust's Egg Producer. Price, 1 lb. pkg., 25c.; by mail, 40c.; 24 lb. box. 50c.

40c.; 21/2 lb. box, 50c.

GRIT



Granite Crystal Grit. A good. sharp, clean grit. Price, same as Mica Crystal.

orris Clear Grit. A good limestone grit; clean and sharp. Price same as Mica Crystal. Crushed Oyster Shell. In two sizes; fine and regular. Carefully screened and bright. 5 lbs., 15c; 25 lbs., 40c.; 100 lbs., 75c.; 500 lbs., 33.00.

DOG CAKES—Spratt's Patent

These celebrated dog biscuits are a complete and ample food. They should be fed dry, the dog having to gnaw them as he would a bone, thus inducing a healthy flow of saliva. Two to four biscuits per day for an average size dog are sufficient.

Price, per lb., 10c.; per 3 lb, box, 25c.; 5 lb, box, 40c.; 25 lb, box, \$1.75; 50 lb, box, \$3.25; 100 lb, box, \$6.00.

DRINKING FOUNTAINS SANITARY.



HUNTING FOR THAT CRYSTAL GRIT.

> A square galvanized fountain in two parts. A slight pull on the pro-jecting part of the bottom removes it entirely, and by using a small whisk broom, both parts are easily and thoroughly cleaned. It is filled instantly. You don't have to wait for the water to gurgle in through a small hole. Price. 1 gal., 50c. each; \$5.50 per doz.; 2 gal., 85c. each; \$9.00 per doz. per doz.

PHILADELPHIA

Galvanized; in two parts; pan and cone top. Easily cleaned.

PRICE. No. 1 (2 quart), 35c. each; \$3.50 doz. 5 00 7.00



OUR CHOICE.

PHILADELPHIA. "OUR CHOICE."

Are easily filled, cannot be upset, easily carried, easily cleaned and kept clean and will not burst and keptetean and will not burst open from freezing. Are heavy and strong. Price, No. 1 (2 quarts), 50c each; \$.00 per dozen. No. 2 (4 quarts), 75c each; \$s.00 per dozen. No. 3 (8 quarts), \$1.00 each; \$10 00 per dozen. Roup Preparation. A sure cure for roup. Price, ½ lb. pkg., 20c.; by mail, 28c.; 1 lb. pkg., 40c.; by mail, 55c. Multum in Parvo Powder. A medical preparation for cholera, roup, etc. Price, ½ lb. pkg., 20c.; by mail, 28c.; 1 lb. pkg., 35c.; by mail, 50c. Haven's Climax Condition Powder. Cures cholera,

gapes, etc., and gives tone to the system, enabling them to withstand the tendency to disease. Price, 1 lb. pkg., 25c; by mail, 40c.; per doz., by express, \$2.50; 2½ lb. pkg., 50c.; 5 lb. box, \$1.00.

Price, 6 oz. can, 20c.;

box, \$1.00.

Madoc Gape Cure. Cures gapes. P.
by mail, 28c.; 7/2 lb. can, 35c.; by mail, 50c.

Lambert's "Death to Liee."

Price, 15 oz. box, 25c.; by mail, 40c.; 48
oz. box, 50c.; by mail, \$1.00; 100 oz.
box, \$1.00, too large for mail.

Lake's Lice Exterminator. A
liquid to paint the voots and drop.

liquid to paint the roosts and dropping-boards with. Very efficacious. Small can, 25c.; ½ gal. can, 50c.; 1 gal.

can, 75c.
Carey's Turkey Pills save
young turkeys' lives. Price, 85c. per

box.

Haven's Roup Pills. Price, per box, 25c. Sheridan's Condition Powder.

Price, small pkg., 25c.; large can, \$1.00; by mail, \$1.25; 6 large cans, by

LAMBERT

oress, \$5.00.

Ground Charcoal. Price, 1 lb., 15c.; by mail, 30c.; 5 lbs., 60c.; 10 lbs., \$1.00

DOG MEDICINES

We carry a line of Spratt's Patent Remedies for dog diseases, and unhesitatingly recommend them. eases, and unnestatingly recommend them.
Purging Pills per box, \$0 50
Mange Cure per bottle, 50
For Worms in Dogs per box, 50
" Distemper in Dogs " 10
" Canker in Ear per bottle, 50
Our book, "Diseases of Dogs," sent with any of the

SPRATT'S PATENT DOG SOAP

Free from poison. Destroys lice and fleas, keeps the skin ree from sourf; prevents mange and other skin diseases. Cake, 20c.; 3 for 50c.



WALNUT CAT FOOD keeps the cat in health, is an excellent laxative, tonic, preserves the health and condition, and promotes the growth of the fur. Price, 50c. per bottle.

WALNUT CAT WASH

For the skin and hair of cats nothing is more cleansing, For the skin and hair of cas horning is not expending purifying and beautifying. For distressing eruptions, irritations of the skin, falling hair, and kindred diseases, it has the desired effect. Price, 50c. per bottle.

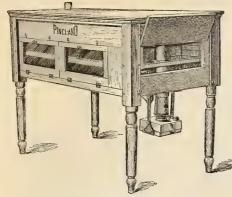


HALLOCK'S FOOD OR WATER HOLDER

Capacity, small, 2 gallons: large, 3 gallons. Price, small, 75c each; \$8.00 per dozen. Large, \$1.00 each, \$10.00 per dozen.



IMPLEMENTS FOR POULTRY YARD



200-EGG NEW PINELAND INCUBATOR.

New Pineland Incubator

We claim for this machine simplicity of construction, durability, the greatest economy of fuel, the most perfect regulation of moisture, the most sensitive and simple regulator ever introduced. The egg chamber is not obstructed by pan, wires, or mechanism of any kind, except a thermostatic bar on the side of the machine, which, however, cannot interfere with the hatching. All the parts are in plain sight, and the egg chamber need not be opened to adjust the bar or lamp. The regulator works horizontally instead of perpendicularly, thus insuring perfect mechanical regulation.

Price List Pineland Incubators

New Pineland "P	capacity. earl," 30 eggs, 100 "	ONE CASH PRICE. \$10 00 20 00 30 00	New Pineland	ONE CASH PRICE, \$55 00 10 00
	300 "	42 00	d Incubator Catalogues.	

PRICE LIST PINELAND BROODERS.

100-0	Chick	"Junior"	Brooder											\$10 00
150	6.6	Indoor	+6											13 50
50	4.6	Outdoor	6.6											15 00
100	4.6	6.6	4.6											18 00
150		4.4	6.6											$22 \ 50$
200	6.6	6.6	66											27 00
	These prices include lamps.													

LEG BANDS



Novelty Band. All sizes 25c per dozen 75c. " 50 \$1.40 " 100

Climax Band.

All sizes. 25c. per dozen 75c. '' 50 \$1.40 '' 100



Adjustable Band, All sizes. 35c. per dozen. \$1.40 '' 50 2.50 '' 100

CAPONIZING TOOLS

PHILADELPHIA. Set with full instructions for oper-PHILAD STATES AND STAT

INCUBATOR THERMOMETERS.

Tested. Each, 50c.; dozen, \$5.00. GAPE WORM EXTRACTORS.

Metz Eureka . 10c. 2 gallons size, 75c. Silver Hallick's Food and Water Holder. 2 gallons size, 75c. each; \$8.00 per dozen; 3 gallons size, \$1.00 each; \$10.00 per



MANN'S GREEN BONE MILLS.



No. 1 C.
Weight, 30 lbs.
Weight, 55 lbs.
Weight, 100 lbs.
Nos. 1 and 3 are very popular with owners of small flocks. Nos. I and a are very popular with owners of small nocks. They require so little strength that an eight-year-old boy or a woman can run them. The No. I with crank handle cuts easy, but with a balance wheel it cuts very much steadier and easier, owing to the momentum acquired by the wheel, and is well worth the difference in cost. The iron stand is also a great convenience, as it requires neither time nor expense to set it up

PRICE LIST OF MANN'S MILLS.

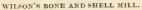
No. 1 C (with Crank Handle) 30 pounds	, \$5 00
No. 1 B (with Balance Wheel) 55	7 00
No. 1 B. M (with Balance Wheel,	
mounted on Iron Stand), 80 "	10 00
No. 3 C (with Crank Handle) 40 "	$10 \ 00$
No. 3 B (with Balance Wheel) 75 "	12 00
No. 3 B. M (with Balance Wheel,	
mounted on iron stand), 100 "	15 00
No. 6 (Post Bone Cutter) 100	16 00
No. 2 (Standard Bone Cutter) .1:0 "	18 40
No. 8 (Double Hand Cutter) 180 "	$22 \ 40$
No. 10 (Small Power Cutter) 175	26 00
No. 14 (Large Power Cutter) 425 "	75 00
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We strongly recommend the No. 3 with Balance Wheel for small flocks.

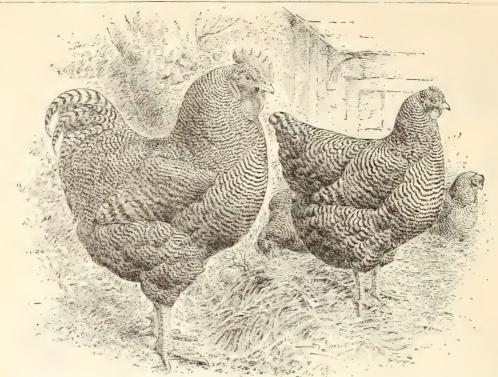


Wilson's Dry Bone and Shell Mill. This mill is made for grinding dry bones, shells, grain and many other substances for poultry. It can also be furnished with iron legs if

Price, complete, as shown in cut, \$4.00.







JTH ROCKS, THE MOST POPULAR AMERICAN BREED BARRED PLYMOU

The Barred Plymouth Rocks originated from a cross of the Black Javas of 1851, the White Birminghams and the American Dominiques. In 1876 they became an established breed, and admitted to the American Standard. The weights breed, and admitted to the American Standard. The weights are 9½, 8, 7½ and 6½ pounds for cocks, cockerels, hens and pullets. In the male the head and comb are of medium size, the latter being single; there is abundant hackle, a broad back and breast, and long and abundant saddle feathers. The legs are yellow. The body color is of a grayish-white, with parallel bars of blue black crossing each feather regularly. The saddle, hackle and neck barring is closer and more narrow, and runs the entire length of the feather.

more narrow, and runs the entire length of the feather. Color of plumage and other characteristics of the female are similar to those of the male.

Our strain of these popular birds is very fine. We spare no expense to have our breeding yards as nearly perfect in form and symmetry and markings as possible.

Price, single Cockerels, \$3.00 to \$5.00; trio, \$9.00.

Eggs, per setting, \$2.00; 2 settings, \$3.50.

GOLDEN WYANDOTTES

This is a new and popular breed of fowls, and after a thorough trial we find them among the very best. In color they are rich golden bay laced with black; and as no color harmonizes with black better than gold, and as no golden fowl has such rich golden plumage, they are undoubtedly among the handsomest. fowl has such rich golden plumage, they are undoubtedly among the handsomest fowls extant. As a general-purpose fowl they rank with their older cousins, the Silver Laced Wyandottes, but surpass them somewhat in size. They are extremely hardy, active, and good foragers, and persons looking for something new, handsome and of excellent quality should give them a trial.

PRICES:—Single cock or cockerel, \$3.00 to \$5.00; trio, cock and two hens, \$9.00; eggs per setting, \$2.50; per 26, \$4.50.

SILVER LACED WYANDOTTES

SILVER LACED WYANDOTTES
They are rose-combed, ending in a spike.
The back is short, at the shoulders broad and flat. The breast is well rounded, deep and broad. The body is well rounded, deep and short. In color of plumage the variety is a silvery white, with regularly marked white lacing on breast. The fowls are excellent layers, good sitters and mothers. The color of skin is golden, and their general make-up renders an ideal broiler or small-sized roaster.

PRICES:—Single cock or cockerel, \$3.00 to \$5.00; trio, cock and two hens, \$9.00; eggs per setting, \$2.50; per 26, \$4.50.

White Wyandottes

Make the Finest Broilers

We know of no fowl possessing so many points of super-iority for the poultry raiser or practical farmer as the White Wyandotte. For beauty, style and fine form they have no equal, their plumage being a pure snow white, with legs, beaks and skin a rich yellow. As a market or table fowl they have no superior. They mature quickly, commence laying very early and continue through the season uninter-ruptedly. They are good foragers and make the kindest mothers.

mothers.

PRICES:—Single cock or cockerel, \$3.00 to \$5.00; trio, cock and two hens, \$9.00. Eggs for Hatching, from our best prize stock, per setting of 13, \$2.50; per 26, \$4.50.



WHITE WYANDOTTES

LIGHT BRAHMAS

The Light Brahmas were christened at the Boston Exhibition in 1850. It is the largest of all breeds. The early history dates back to 1847, when the first birds were found on board the steamship India, in New York Harbor. They were purchased by a Mr. Knox, for Mr. Chamberlin, of Connecticut, and were called the Short-Legged Chittagongs. The cocks, cockerels, hens and pullets weigh, respectively, 12, 10, 9½ and 8 pounds. The head is of medium size, pea comb, color of body white. There is an abundance of white hackle, with a black stripe extending down each feather. The wing bows are white, with fronts partly black, primaries black, or nearly so; tail black.

They are excellent layers, quiet and gentle in disposition, and the eggs are large, of a rich brown color.

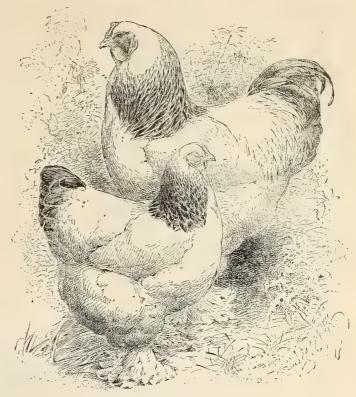
Prices, single cock or cockerel, \$3.00 to \$5.00; trio, \$9.00.

Eggs, per setting, \$2.00; per 26, \$3.50.

Eggs, per setting, \$2.00; per 26, \$3.50.

Black Langshans

The Black Langshan is America's latest acquisition from Asia. Their breast is full, broad and round, and carried well forward, showing pleuty of meat. They make one of the best table fowls for family was of any broad and proposed the property of the state of the st make one of the best table fowls for family use of any breed, and are one of the very best winter layers of fine large eggs. Their plumage is a rich metallic black. The color of the legs and skin is against them as a market fowl, but their other good points keep them well to the front in popularity. Cocks and hens weigh ten and eight pounds each at maturity. Prices, cock or cockerel, \$3.00 to \$5.00; trio, \$9.00. Eggs, \$2.00 per setting.



LIGHT BRAHMAS.

SINGLE COMB BROWN AND WHITE LEGHORNS



Leghorns are considered unequalled as egg-producers. Our strain of Brown Leghorns are large in size and fine in form and symmetry. They are non-setters; their business is to lay eggs. The chicks are hardy, lively, and the easiest to raise of any other breed. They stand confinement quite well, but require an eight-foot fence to keep them in.

Prices, single cock or cockerel, \$3.00 to \$5.00; trio, \$9.00. Eggs, \$2.00 per setting.

BUFF COCHINS

The Standard in 1883 for the above variety called for "rich clear buff," but five years later it was changed to "arich, deep, clear buff," and it has remained so ever since. The Buff Cochin is a good layer and an excellent table fowl. The Standard gives the following weights: cock, eleven pounds; hen, eight and a half pounds; cockerel, eight and a half pounds; pullet, seven pounds. The head of both the male and female is short and small; beak, yellow in color and short; eyes, bay color; comb, single and small; neck, short; back, broad and short; breast, broad, full and deep; body, deep and broad.

Prices: single cock or cockerel, \$3.00 to \$5.00; trio, \$9.00.

CORNISH INDIAN GAMES As a table fowl the Indian Game is unsurpassed. Its breast is

As a table fowl the Indian Game is unsurpassed. Its breast is a solid chunk of meat. Its yellow legs mean a rich yellow skin. The standard weights are: Cock, nine pounds; cockerel, seven and a half pounds; hen, six and a half pounds; pullet, five and a half pounds. In color, they are of a rich, dark brown, the penciling being of a lighter brown. They are only fairly good layers, but the hens make the best mothers we have ever seen. Prices, cock or cockerel, \$4.00 to \$6.00; trio, \$10.00. Eggs, \$2.50 per setting.

HOUDANS

SINGLE COMB BROWN LEGHORNS.

The Houdan is to the French what the Plymouth Rock is to America. The large crest or mulfi presents a very unique appearance. They are a splendid table fowl, having fine, close-grained meat in great plenty. They are good egg-producers, laying the largest egg of the non-setting breeds. Prices, single cock or cockerel, \$3.00 to \$5.00; trio, \$9.00. Eggs, \$2.00 per setting.







STUD COLLIE "FLORACROFT RAB." No. 42484.

POULTRY PRICE LIST

Below we give a list of prices of fowls and eggs which we can furnish from choice yards. Our stock is thoroughbred and fine, and the lowest prices are for good stock. Where perfect exhibition stock is wanted, correspondence is neces-

sary.	
Extra Good Selected Per Egg	s Eggs
Cockerel, Cockerel, Trio. per 1	3. per 26.
	0 \$4 50
Golden " 3 00 5 00 9 00 2 5	
Silver Laced Wyandottes 3 00 5 00 9 00 2 5	
Bun eggs only. 2 o	0 4 50 0 3 50
District I is in our and a second of the sec	
TT III C	0 4 50
Dun eggsomy. 20	0 4 50
	0 4 50
Black Breasted Red Games 3 00 4 00 9 00 2 0	
Pit Games, Racehorse and Far-	
downe Strain 4 00 6 00 10 00 2 5	0 4 50
	0 3 50
TI MILLO	0 3 50
Dun Cochins	0 3 50
Taithing Cochinis	0 3 50
TIME CONTRACTOR OF THE CONTRAC	0 3 50
	0 3 50
Rose " Brown " . 3 00 5 00 9 00 2 0	0 3 50
	00 3 50
	00 3 50
Black Langshans 3 00 5 00 9 00 2 0	00 3 50
Houdans 3 00 5 00 9 00 2 0	
	0 3 50
Dark " 3 00 5 00 9 00 2 0	
Dealtica dolach I olibii	50 4 50
	50 4 50 50 4 50
White 3 09 3 00 2 0	50 4 50 50 4 50
Plain Silver " 3 00 5 00 9 00 2 3	50 4 50
	00 3 50
	00 3 50
1 Chened	
Manimoth Bronze Lurkeys	
White Pekin Ducks 3 00 5 00 8 00 1	00 1 75

TESTIMONIALS

S. J. RENZ, D.D.S., Leavenworth, Kans., writes, Feb. 5, 1897: "The female collie you sent me arrived safely on Monday, while I was away, but my wife, who had said she would not keep her, changed her mind at once, and she now thinks more of her than I do. We are very proud of her, for she is a beauty and has more sense than any pup of her age I ever saw." Lever saw

I ever saw."

Chas. W. Wainwright, M.D., Princess Anne, Md., writes, April 23, 1897: "The eggs sent me were received in good condition save one. From 12 Golden Wyandotte Eggs I got 11 chicks and from 13 Black Langshans I got 10 chicks, the old hen breaking one egg in the nest. Considering the distance they came and the amount of shaking they must necessarily have gotten, I think this was a most remarkable result. One would scarcely expect better from eggs of his own saving at home. I am indeed very proud."

SCOTCH COLLIE SHEPHERD DOGS

The Collie is the most intelligent of all dogs, is easily educated, a good watch-dog and protector of our yards and herds, a household pet and children's friend, a loyal and affectionate comrade and messenger.

In every poultry establishment or dairy or stock farm there is enough for an intelligent Collie to do to save the employment of an extra hand.

Color.—We prefer sable and white, as we think they make the handsomest dogs, but we often have them black and tan and black and white, and white with tan spots.

Breeding.—Our stud dogs and breeding bitches are all pedigreed and registered in the American Kennel Clubstud book, and in their veins runs the bluest of blue blood. All of our pups are furnished with pedigree, and they can be registered at an additional cost of \$1.00, which is the Club's fee.

Price.—Price of puppies largely depends upon breeding and individual specimens. We can mostly supply good males at \$10 to \$15 e.ich, and females at \$8 to \$10 each; \$17 to

S55 per pair.
For extra selected pups we get from \$15 to \$25 each.
Spayed Females.—Many prefer these to any others, and they make very satisfactory house dogs. Keep at home and attend to their business. Price, same as males.

MAMMOTH BRONZE TURKEYS

The mammoth bronze turkey leads the entire turkey family in size, quality of flesh and beauty. It is purely au American production. The plunnage is, as its name indicates, a bronze, of a rich metallic hue. The wing coverts are a beautiful rich bronze, the



a beautiful rich bronze, the feathers terminating in a wide bronzy band across the wings when folded, and separated from the primaries by a glossy black ribbon-like mark, formed by the end of the coverts. Each feather is irregularly penciled with narrow bands of light brown, and ending in a broad black band, with a wide edging of a dull white or gray. In the female the entire plu-

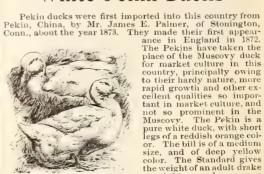
bronze turkeys.

BRONZE TURKEYS.

are more dull, and not so clearly defined, the edging of the feathers being a dull white or gray. The Standard places the weights as follows: Adult cock, 35 lbs.; hen, 20 lbs.; yearling cock, 32 lbs.; cockerel, 24 lbs.; pullet, 15 lbs. But much heavier weights than those have been obtained. The hens will lay as many as fifty eggs in a season (from April 1st to luly 1st) if property fed and cared for July 1st) if properly fed and cared for.

Prices: Toms, \$6.00 to \$7.00; pair, \$12.00; trio, \$15.00. Eggs, per 6, \$2.50; per 12, \$4.50.

White Pekin Ducks



white Pekin Ducks.

white seven pounds, and young duck, six pounds; young duck, six pounds. Yet the writer saw a number of ten and twelve pound carcasses on the Long Island duck farms. The necks are strongly built; back, broad and long; breast, full and round; and the body deep and very long.

Prices: Single dealer 2008.

Prices: Single drake, \$3.00; pair, \$5.00; trio, \$8.00. Eggs, per 6, \$1.00; per 12, \$1.75.

Great Bargain Offers Collections at retail. FOR LESS THAN... WHOLESALE PRICES

or the purpose of inducing thousands of new customers TO GIVE OUR SEEDS A FAIR TRIAL, we have for several years annually offered popular collections, at a noninual price, and many who are now large customers first made acquaintance with OUR SEEDS through one of these cheap collections. While we have always given good value, never before have we been able to make such attractive offers as are here presented. Knowing, as we do, that they are composed only of the choicest varieties, we can safely count on making permanent friends of the large majority of those who order. Your interest is our interest; a fair trial, such as these collections afford, will convince even the most skeptical that OUR SEEDS AFRE THE BEST THAT THE WORLD PRODUCES. We cannot sell any other seeds so cheaply, nor can we make changes in the collections. WE WANT AGENTS offering these collections among their friends and neighbors. If you will act, we will give you all the profit and a little more. See AGENT'S COUPON at bottom of page.

COLLECTION A. **Choice Novelties and Specialties**

SENT POSTAGE PAID, FOR ONLY 50c.

COSTING AT REGULAR PRICES, \$1.00

- Arlington Favorite Beet.—The sweetest and best dark blood turnip beet in cultivation. (See page 3.)

 New Early Evergreen Sweet Corn.—Ten days earlier than Stowell's similar quality. (See page 5.)

 Improved Arlington White Spine Cucumber.—Very early and best for the table. (See page 32.)

 New Perle Le Grand Celery.—The most valuable for early and late use. (See page 29.)

 Louderhack's All-Year-Round Cabbage.—One of the best for early, intermediate or late. (See page 25.)

 New Jersey Improved Large Purple Egg Plant.—Largest and finest; no other equals it.

 New Mammoth Salamander Lettuce.—Finest and most remarkable lettuce ever introduced. (See page 7.)

 McCleary's Improved Lenny Lind Musk-Melon A wonder in earliness and fine quality. (See page 7.)

- McCleary's Improved Jenny Lind Musk-Melon.—A wonder in earliness and fine quality. (See page 7.)

 Black-Eyed Susan Watermelon.—A grand variety; every one a good one. (See page 9.)

 Extra Early Red Globe Danver's
- - Onion.—The earliest and best red onion. (See page 10.) Mammoth Golden Cashaw Pumpkin.
- Has no equal for pies or stock feeding. (See page 12.)

 12. New Celestial or White Chinese Radish.—An all-season's radish;
- fine for summer or winter.



COLLECTION B

~~~A COMPLETE~~~ PI VEGETABLE GARDEN FOR U

OUR SPECIAL INTRODUCTION BOX OF SEEDS, which we send postage paid for \$1.00, embraces thirty full-sized packets of the choicest Vegetable Seeds, including all the above-named novelties and specialties and the eighteen varieties described below, which at regular prices cost double what we ask here for them.

- 13. Dark Stinson Beet.—Very early; one of the best for home garden; fine quality.

- 13. Dark Stinson Beet.—Very early; one of the best for home garden; fine quality.

 14. New Stringless Green Pod Bean.—One of the earliest and best snap shorts; very prolific.

 15. Vandergaw Early Cabbage.—Combines earliness; large size and fine quality.

 16. Improved Danver's Orange Carrot.—Very handsome, half long, enormously productive.

 17. Golden Self-Blanching Celery.—Easiest grown; requires no banking up; large, crisp and solid.

 18. Lettuce—Ten Best American Varieties, Mixed. Gives fine lettuce for the table during entire season.

 19. Champion Market Musk-Melon.—A handsome, large, early, green fleshed cantaloupe; finest quality.

 20. American Extra Early Pearl Onion.—The earliest and best white onion.

 21. Glant Southern Curled Mustard.—A delicious and appetizing salad..

 22. Champion Moss Curled Parsley.—New extra dark green strain; very hardy and beautifully curled.

 23. Ideal Hollow Crown Parsnip.—Beautiful, smooth; the very best and sweetest of all.

 24. Ruby King Pepper.—The largest, handsomest and mildest red pepper.

 25. New White Strasburg Radish.—The best and earliest half long white radish; crisp and tender.

 26. Mammoth Sandwich Island Salsify.—A delicious vegetable, generally called Oyster Plant.

 27. New Parisian Long-Standing Savoy-Leaved Spinach.—The very best for spring sowing.

 28. New White Pineapple Squash.—A fine, early summer or winter squash.

 29. Liberty Bell Tomato:—New, very early, large, smooth and handsome.

 30. Scarlet Kashmyr Turnip.—New and distinct, wonderfully early and fine in quality.

AGENT'S COUPON to be cut off and returned with orders for 10 collections and over at the following "less than cost" prices

As stated above, we want agents to introduce our Seeds by the sale of these unrivalled collections among their friends and neighbors, for which we will pay liberally, by sending them in lots of 10 collections and over at just one-half the above bargain prices, enabling them to double their money on every collection sold.

Collection A sells at 50c. Collection A sells at 50c. Agent's price in lots of 10 for \$2.50 Collection B sells at \$1.00. Agent's price in lots of 10 for \$5.00

We deliver them to any P. O. in the U. S., all postage prepaid, and will mail them direct to the Agent or to his customers, as desired. Cash must be sent with the order in every case.

our Astonishing Flower Seed Bargains

Collection C

8 Packets New

SWEET PEAS

C. In stamps or silver.

EVERY ONE A DAINTY BEAUTY.

Every flower lover should plant Sweet Peas in profusion. They are so sure to grow and succeed everywhere with everybody. These 8 varieties are all new, large flowering sorts and all distinct in coloring and markings.

EMILY HENDERSON. A grand pure white.

LOTTIE ECKFORD. A white ground delicately edged and suffused with lavender blue.

STANLEY. A rich dark maroon VENUS. Large, soft salmon buff

BLANCHE FERRY. Pink standard with pure white wings. Very popular sort.

FIRE-FLY. Bright crimson scarlet

DOROTHY TENNANT. An exquisite rosy mauve.

PEACH BLOSSOM. Salmon pink shaded buff.

20 CENTS, delivered to any Post-office In the U.S. A CREAT FLORAL OFFER

One full-sized Packet of each of the above 8 lovely Sweet Peas for only

COLLECTION D

18 Sorts of ...

COLLECTION D, for only 40c. will commend itself to all as a very popular assortment of easily grown varieties. This collection at our catalogue prices would cost \$1.10, but we want this special offer, at reduced rates, to make us many new customers, who will try our flower seeds. Here is the list of beauties-all of them.

Alyssum, Little Gem. Dwarf, very free flowering and very sweet.

Ageratum. Lovely lilac blue.

Aster. Our florists' mixture for cut flowers.

Balsam. White lady slipper.

Cosmos. The autumn favorite.

Cypress Vine. A lovely climber.

Evening Primrose. Delicate pale yellow flowers. Evening Flowers. Mixed sorts. Very useful

when dried for winter decoration. Moon-Flower. Rapid growing climber, blooming

in the evening.

Marigold, Eldorado. Large flowering ruffled petals, choice colors.

Marvel of Peru. (Four o'clocks,) beautiful, blooms all summer.

Mignonette. Deliciously sweet.

Nasturtum. Dwarf sorts. A fine strain. Many new markings.

Pansies. A handsome strain of large flowering sorts.

A choice mixture of these Phlox Drummondi. brilliant beauties.

Poppy. The delicate single, silky shirley.
Sweet Peas. A mixture of dainty beauties.
Wild Flower Garden. Dear knows what you won't get in this packet. Just the thing for a wild

AGENT'S COUPON to be cut off and returned with orders of 10 collections and over at the following "less than cost" prices.

GIRLS AND BOYS WITH PUSH can make lots of pin money selling these collections to their friends and neighbors. By buying them in lots of to and retailing them at our regular single collection prices, you reap a handsome profit. Try one lot and when you find how easily they sell you'll want more.

Collection C retails at 20c. Agent's price in lots of 10 for \$1.00 Collection D retails at 40c. Agent's price in lots of 10 for \$2.00

You double your money on every collection sold, as we deliver them to you or your customers free, postage prepaid. No coupons necessary after you first purchase, as you are then registered as an agent for the sale of our seeds.

Ever Popular "Banner" Bulb Collections



Summer flowering Bulbs are always popular, because they are so sure to grow and bloom under almost all conditions. The collections are not only cheap, but we have selected those kind that we believe will yield the most satisfactory results to our customers.

Banner Bulb Collection E

12 Bulbs for 30c. by mail, postpaid

1 Exquisite Dwarf Large Flowering Canna. 1 Sweet Scented Cinnamon Vine Root. 2 Gorgeously Beautiful Gladiolus. 1 Excelsior Pearl Dwarf Tuberose. 1 Beautiful German Iris.

6 Summer Flowering Oxalis.

ROSE SCENTED PEONY

Banner Bulb Collection

14 Extra Choice Bulbs.

by mail, postpaid

1 Exquisite Rose Scented Pæony. See cut.

1 Spotted Canna "Florence Vaughan."

Scarlet Canna "Charles Henderson."

1 Spotted Leaf Calla Lily. A Dainty Beauty.

Tuberous Rooted Begonia. A profusion of bloom all summer.

1 Mignonette or Mexican Vine. A beautiful climber.

3 Beautiful Gladiolus-all different.

2 Excelsior Pearl Sweet Tuberoses.

1 Japanese Iris. Blooms in July.

I German Iris. Blooms in June.

TO AGENTS.

We will send the above bulb collections in lots of 10 each at \$2.00 per 10 of Collection E and \$3.50 per 10 of Col-

lection F, the collections to be shipped by express at the agent's expense. They are too bulky in lots of 10 to be sent by mail, but we will send them postpaid, by mail, when so requested, if 30c. extra is sent for the 10 Collections E, and 60c. extra is sent for the 10 Collections F. Agent's coupon from first page can be used in ordering these.

The following PLANT COLLECTIONS are sent free by mail at prices named. We send only choice varieties, but the selection of sorts is left to us.

Plant Offer G--for 40c.

- I Fancy-leaved Begonia.
- I Constant-flowering Begonia.
- I Grand New Coleus, Magnificent.
- I White Dainty Swainsonia.
- I Moonflower Vine.
- I New Geranium.
- I Choice Tea Rose.

Plant Offer H--for \$1.00

- Choice Ever blooming Roses. 12 Choice Geraniums. Different colors.
- Fragrant Carnations. sorts, different colors.
- 2 Grand Large Flowering Chrys- | Fuchsia.
- colors.
- New | Swainsonia, fine foliage. White flowers.





A lovely white flower on feathery foliage.

Plant Offer No. 3--for \$1.00. FOR HANGING BASKETS AND VASES. An assortment of 12 Plants, containing

Tall Growing, Ornamental and Flowering Plants for the centre, and Vines for the edges.

Poultry Supplies Abridged List ----- Send for Complete Catalogue









SINGING "CHICK MANNA'S" PRAISES

FOODS.

Chick Manna-A complete food for little chicks. Price. 1 lb. pkg., 10c., by mail, 25c.; by express, 5 lb. pkg., 40c.; 15 lb. pkg., \$1.10; 60 lb. case in bulk, \$4.20.

Prepared Meat (Ground Beef Scrap),—Price, to lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$10.00.

Animal Meal—A well-known and valuable food. Price, to lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Cut Clover Rowen-Excellent to mix in the morning mash.

Pioneer Clover Meal—Finely ground clover; a new article and very popular. so lbs., 30c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Pratt's Poultry Food—A well-known and reliable food. Price, 26 oz. pkg., 25c.; 5 lb. pkg., 6oc.; 12 lb. bag, \$1.25.

American Poultry Food—Ground wheat, corn, oats and barley, kiln-roasted. Price, 5 lb. bag, 25c.; 10 lbs., 40c.; 50 lbs., \$1.00; 100 lb. bag, \$1.65; 500 lbs., \$7.00; ton, \$25.00.

H. O. Poultry Food—An excellent food, largely used. 10 lbs., 40c.; 50 lbs., \$1.10; 100 lbs., \$1.75. Granulated Bone and Fine Bone Meal-Price, 5 lbs., 25c.;

25 lbs., \$1.00; 100 lbs., \$2.25; ton, \$40.00.

Agatha Poultry Food increases egg production. Price, 5 lb. pkg., 35c.; 60 lb. case in bulk, \$3.60.

Rust's Egg Producer-Price, 1 lb. pkg., 25c.; by mail, 40c.;

MEDICINES, Etc.

Roup Preparation—A sure cure for Roup. Price, % lb. pkg., 20c.; by mail, 28c.; 1 lb. pkg., 40c.; by mail, 55c.
Multum in Parvo Powder—A medical preparation for cholera, roup, etc. Price, % lb. pkg., 20c.; by mail, 28c.; 1 lb. pkg., 35c.; by mail, 50c.

Haven's Olimax Condition Powder—Cures cholera, gapes, etc., and gives tone to the system, enabling them to withstand the tendency to disease. Price, 1 lb. pkg., 25c.; by mail, 40c.; per doz., by express, \$2.50; 2½ lb. pkg., 50c.; 5 lb. box, \$1.00.

Madoc Gape Cure—Cures Gapes. Price, 6 oz. can, 20c.; by mail, 28c.; % lb. can, 35c.; by mail, 50c.

Lambert's "Death to Lice"—Price, 15 oz. box, 25c.; by mail, 40c.; 48 oz. box, 50c.; by mail, \$1.00; 100 oz. box, \$1.00, too large for mail.

Lake's Lice Exterminator—A liquid to paint the roosts and dropping boards with. Very efficacious. Small can, 25c.; ½ gal. can, 5oc.; 1 gal. can, 75c.

Carey's Turkey Pills save young turkey's lives. Price,

Haven's Roup Pills-Price, per box, 25c.

Sheridan's Condition Powder—Price, small pkg.,25c.; large can, \$1.00; by mail, \$1.25; 6 large cans, by express, \$5.00.

Ground Charcoal-Price, 1 lb., 15c.; by mail, 30c.; 5 lbs.,

IMPLEMENTS FOR POULTRY YARD.

logue sent on request. Prices, New Pineland "Pearl," 30 egg, \$10.00; 100 egg, \$20.00; 200 egg, \$32.00. Pineland Incubators-The best hatcher made.

Pineland Hot Water Brooders-Have no equal for taking

Philadelphia Caponizing Set-Complete with book of in-

Incubator Thermometers, by mail..... French Killing Knife50c



"Sanitary"—A square galvanized fountain, in two parts. A slight pull on the projecting part of the bottom removes it entirely, and by using a small whisk broom, both parts are easily and thoryou don't have to wait for the water to gurgle in through a small hole.

Price { 1 gal., 50c. each; \$5.50 doz. 2 "Philadelphia"

"Philadelphia "-Galvanized; in two parts; pan and cone top. Easily cleaned.

Price
No. 1, (2 quart), 35c. each; \$3.50 doz.
No. 2, (4 " 50c. " 5.00 "
No. 3, (8 " 75c, " 7.00 "



GRIT.

Mica Crystal Grit—A fine grit; in two sizes, fine and regular. 5 lbs., 15c.; 25 lbs., 40c.; 100 lbs., \$1.00; 500 lbs., \$3.75. Granite Crystal Grit-A good, sharp, clean grit. Price same as Mica Crystal.

Orr's Clear Grit—A good lime-stone grit; clean and sharp. Price same as Mica Crystal.

Orushed Oyster Shell—In two sizes; fine and regular. Carefully screened and bright, 5 lbs., 15c.; 25 lbs., 4oc.; 100 lbs., 75c.; 500 lbs., \$3.00.

BEE SUPPLIES We carry a full line of BEE SUPPLIES, and will gladly quote at any time on HIVES, SMOKERS, VEILS, FOUNDATION, EXTRACTORS, TRAPS, Etc., Etc.

JOHNSON & STOKES

····SEEDSMEN····

217 and 219 Market St.

PHILADELPHIA, PA.

Planet Jr." Garden Tools



This is exactly the same fine strain of blood that has proven such a marvellous success in the No.5 "Planet Jr." Hill Dropper. As a drill, the points of difference are: First, that it is smaller in capacity, though still of good size, holding two quarts, and that it does not drop at so many different distances apart; however, it drops at all the most important distances, at 6, 9, 12, 18 and 36 inches. It is like No. 5 in dropping in just the same way, just as accurately, and in handling the seed perfectly and to the last grain. The drill isquickly detached and the tool frame substituted. It then becomes the most admirable Single Wheel Hoe of the "Planet Jr." family.

Single Wheel

Hoe

The "PLANET

> This Wheel Hoe is considerably lighter than the double, but does almost the same variety of work, being used mostly between the rows; yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate depth, and the wheel has an extra broad face.

PRICE, \$4 50

"FIRE-FLY" WHEEL GARDEN PLOW.

Rake and Plow

Price Complete, \$10.00 As a Drill Only.

This tool is invaluable for those who have small gardens. The mold-board is tempered and polished steel. The depth may be changed very quickly. Price, Very useful to plow up the chicken yard.

The "PLANET JR." No. 11 Double Wheel Hoe This tool, first offered for 1898, combines in itself the good points of its predecessors with valuable new ideas. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes of the height of frame, width of wheels or in the adjustment of the tools themselves. The arch is of stiff sivel, unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from standards. A pair of model rakes and a pair of new style hoes are added to the usual equipment, seven pairs of tools in all. The whole set shown in the cut goes with the complete tool. All the blades are tempered and polished steel. The variety of work possible with the machine is incredible, covering the whole range of such work, both in the garden and on the farm, and has our unqualified endorsement. ANGEL ME LENGTH TO THE PARTY OF ified endorsement.

The "PLANET JR." No. 8 Horse Hoe

Without Rakes and Small Hoes,
With One Pair of Six Inch Hoes only, ...

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for



"PLANET JR." Strawberry Cultivator

This comparatively new tool has rapidly grown into favor with market gar-deners and strawberry growers. It has a high frame and the chisel-shape teeth cut an inch wide each.
It may be set with teeth
trailing. It contracts
to 12 inches; it expands
to 32 inches. It cultivates deep without

throwing earth upon the plants and the smooth, round-throated teeth turn strawberry runners without injuring them. Price, plain, \$5.40; with wheel, \$6.65; complete, \$8.00.

